BOSTON PUBLIC LIBRARY
3 9999 08719 671 1

C

No. 3761.9
1894-95

THE TRUSTEES OF THE PUBLIC LIBRARY OF THE CITY OF BOSTON
OMNIUM LUX CIVIUM
1852 1878

Oct. 14. 1902
2 v. in 1 - Bound
BOSTON PUBLIC LIBRARY
3961.9
1894-189
5/1/94

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of January, 1894.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of January, 1894, ... 1056

Population estimated at 487,397. Rate per 1,000 inhabitants, 25.99

Total number	1056
SEX.	
Males	557
Females	499
CONDITION.	
Married	336
Single	551
Widows	110
Widowers	51
Unknown	8
COLOR.	
White	1030
Colored	26
Total deaths of children: Under 1 year	172
Total deaths of children: Under 2 years	226
Total deaths of children: Under 5 years	300
Diarrhœal diseases: Under 1 year	2
Diarrhœal diseases: Under 2 years	2
Diarrhœal diseases: Under 5 years	2
Diarrhœal diseases: All ages	2

NATIVITY.	
United States	678
Ireland	209
England	29
Scotland	7
Germany	17
British America	71
Italy	12
Other Countries	23
Unknown	10
PARENTAGE.	
United States	271
Irish	371
English	23
Scotch	19
German	20
British American	67
Italian	22
Other Countries	94
Mixed	76
Unknown	93
Still-births during the month	56

7289

Total Deaths with Principal Causes for the month

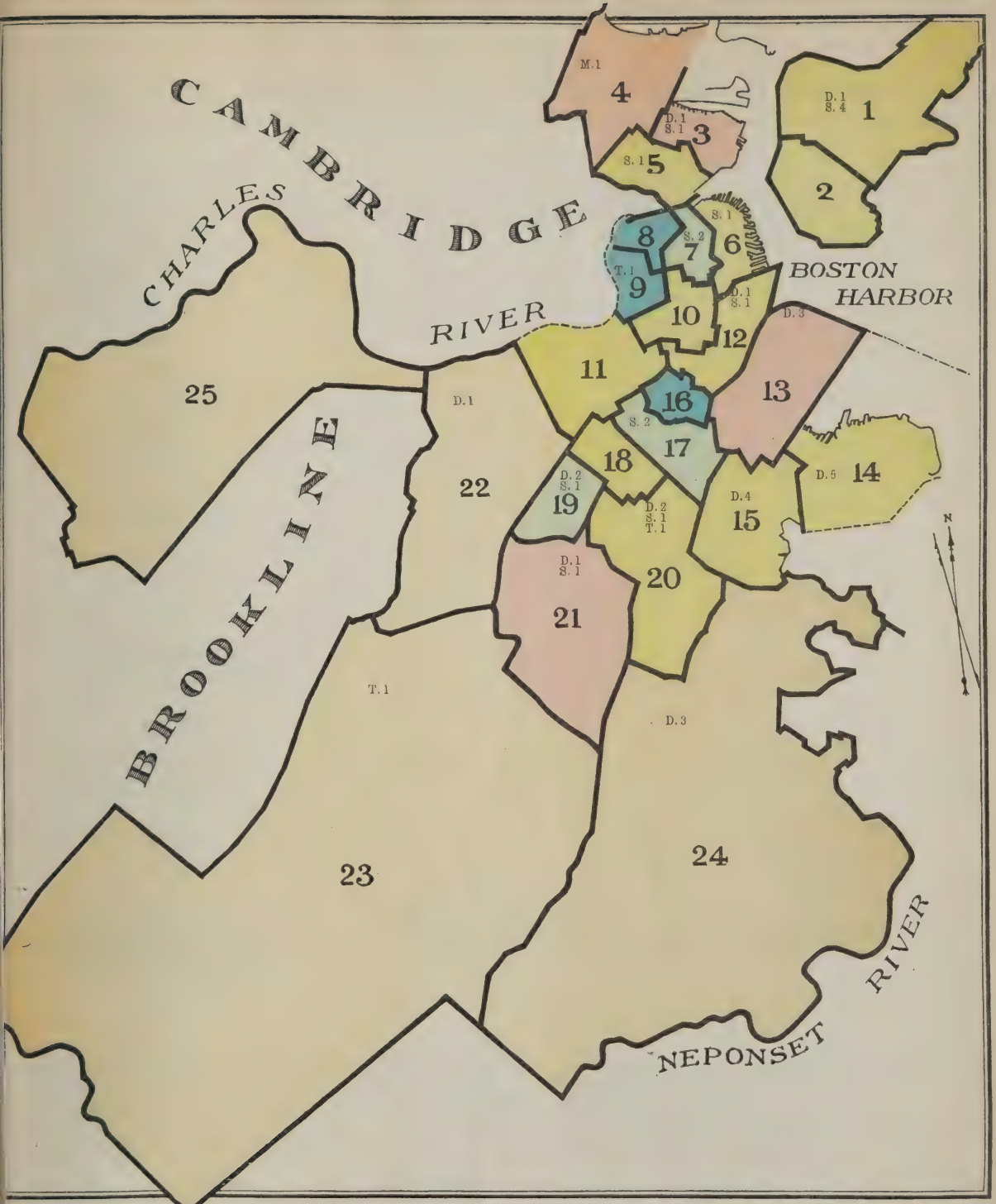
CAUSES OF DEATH.	Total Mortality for January, 1894.	Total Mortality for January, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	2	5											1			1						1	1
Croup	8	9		1		2	1	2		6	2											6	2
Carbuncle																							
Cholera Morbus																							
Cholera Infantum	2	1	1	1						2												1	1
Cerebro-spinal Meningitis		2																					
Congestive Fever																							
Diarrhœa		6																					
Dysentery																							
Diphtheria	61	49			1	12	10	7	6	36	16	5	3		1							28	33
Erysipelas	5	8	1							1		1		2				1				3	2
Intermittent Fever																							
Influenza	31	1					1			1				2	2	2	5	12	7			13	18
Measles	1	2					1			1												1	
Purpura		3																					
Puerperal Fever	3	4											2	1									3
Pyæmia	1	1											1										1
Remittent Fever																							
Rheumatism	2	1											1			1							2
Scarlatina	19	26			1	7	2	5	2	17	1	1										12	7
Small Pox	4												1	3								3	1
Syphilis (Congenital)	1	1		1						1												1	
Syphilis																							
Septicæmia	7	3				1	1			2			1	2	2							3	4
Tonsillitis																							
Typhoid Fever	3	13					1			1			1	1								1	2
Typhus Fever																							
Whooping Cough	7	1	1		1	2	3			7												6	1
Yellow Fever																							
Other Zymotic Diseases																							
II. CONSTITUTIONAL.																							
Cancer	36	29												3	11	14	4	3	1			14	22
Hydrocephalus and Tuberc. Meningitis	9	17		1		3	3			7	1		1									6	3
Marasmus, Scrofula and Tabes Mesenterica	18	16	8	4	2		2			16						1			1			11	7
Phthisis Pulmonalis	134	132	1		2	1		1		5	1	15	45	37	12	10	2	6	1			73	61
Other Constitutional Diseases	12	13	1	1		4				6		1	3		1	1						5	7

SANITARY STATISTICS OF BOSTON, MASS.

JANUARY, 1894.

STREET GRADES BY WARDS.		
Wards.	Highest Street Grade.	Lowest Street Grade.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37 Square miles.
" " " Acres, 23,707.
Miles of Streets, 558; paved 71.25; macadamized, 204.56; gravel, etc., 282.19.
Area of Parks 1,669 acres; Public Grounds 143 acres.
Number of Dwellings, (including tenement houses), 56,809.
" " Tenement Houses (three or more families), 10,763.
Daily Consumption of Water, 44,500,000 gallons.
Daily Capacity of Water Supply, 60,000,000 "
Storage Reservoirs, 7.
Reservoir Capacity, 5.000,000,000 gallons.



Symbols:

D — Diphtheria.

S — Scarlatina.

T — Typhoid Fever.

M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 37. S. — 4. T. — 7. M — .

Under 20 inhabitants to a square acre.

From 33 to 49 " " "

" 52 to 80 " " "

" 111 to 123 " " "

" 151 to 213 " " "

# of January, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for January, 1894.	Total Mortality for January, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	34	31										1	1	5	6	1	10	8	2			18	16
Bright's Disease	14	18					1			1				2		4	4	2	1			9	5
Bronchitis	60	57	11	4	10	5		1	1	32	2		2	1	4	4	6	6	1	2		26	34
Heart Disease	76	85	1							1	1	5	6	6	11	9	22	11	4			46	30
Meningitis	24	23	3		8	3	2			16		2	1		2	2		1				10	14
Nephritis	16	17									1		3	3	1	3	1	3	1			7	9
Pleurisy	2	1											1					1				1	1
Pneumonia	204	184	4	10	15	12	4	4		49	5	4	10	36	28	18	29	14	10	1		110	94
Other Local Diseases	139	138	19	6	5	2	7	3		42	1	5	7	20	15	14	13	18	4			72	67
IV. DEVELOPMENTAL.																							
Cyanosis	3	2	3							3												2	1
Inanition	6	6	4	1						5					1							4	2
Old Age	24	29															4	9	9	2		9	15
Premature Birth	23	21	23							23												14	9
Puerp'l Diseases (not including Puerp'l Fever)	3												1	1	1								3
Other Developmental Diseases	21	23	12							12				1	3	1	1	2	1			9	12
V. VIOLENT.																							
Accidental	37	37	2	1				2	1	6		4	4	9	4	4	1	3	2			31	6
Homicidal	3	3	1							1			1	1								1	2
Suicidal	1	5											1										1
Other Violent Causes		1																					
Unknown Causes		2																					
Total from all Causes	1056	1026	96	31	45	54	39	25	10	300	31	44	98	136	105	90	102	100	45	5		557	499
Total from Zymotic Diseases	157	136	3	3	3	24	29	14	8	75	19	7	11	11	5	4	5	13	7			79	78
Including Tubercular Diseases	335	299																					
Total from Constitutional Diseases	209	207	10	6	4	8	5	1		34	2	16	49	40	24	26	6	9	3			109	100
" " Local do.	569	554	38	20	38	22	14	8	1	141	10	17	31	73	67	55	85	64	23	3		299	270
" " Developmental do.	80	81	42	1						43			1	2	5	1	5	11	10	2		38	42
" " Violent Causes	41	46	3	1				2	1	7		4	6	10	4	4	1	3	2			32	9

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of January, 1894, and for the corresponding month in 1893.

CASES REPORTED DURING JANUARY, 1894.	City.	Quarantine.	CASES REPORTED DURING JANUARY, 1893.	City.	Quarantine.
Diphtheria	195	....	Diphtheria	152	....
Measles	70	2	Measles	437	....
Small Pox	11	....	Small Pox	....	....
Scarlatina	214	....	Scarlatina	232	....
Typhoid Fever	25	....	Typhoid Fever	34	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of January, 1894, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	30.34	26	74	W.	.00
2	30.20	30	67	S.W.	.00
3	29.97	38	80	S.W.	.00
4	29.83	44	75	S.W.	.00
5	29.90	42	82	N.W.	.03
6	30.09	34	90	N.E.	T
7	29.95	36	76	W.	.03
8	30.28	28	65	W.	.00
9	30.36	26	62	W.	.00
10	30.20	22	81	N.	.08
11	29.80	23	94	N.W.	.08
12	29.68	18	50	N.W.	.08
13	29.97	13	44	N.W.	.00
14	30.10	25	56	E.	.00
15	30.10	36	73	S.W.	.00
16	30.00	40	86	N.E.	.26
17	30.68	22	59	N.	.00
18	30.54	28	72	S.W.	T
19	30.42	36	86	N.W.	.13
20	30.63	26	62	N.	.00
21	30.22	29	76	N.W.	.00
22	30.06	41	71	W.	T
23	30.44	34	69	N.W.	.00
24	30.10	44	94	E.	.08
25	30.33	26	47	N.W.	.34
26	30.54	26	60	E.	T
27	30.05	24	92	N.	.80
28	30.38	26	58	W.	.00
29	30.10	28	86	N.E.	.36
30	29.08	30	85	W.	.74
31	29.88	32	60	W.	.00
TOTALS	—	—	—	—	3.01
MEANS	30.14	30.1	72.0	W.	.097

GENERAL ITEMS.

Mean Barometer, 30.14.
Highest Barometer, 30.73, on the 17th.
Lowest Barometer, 28.78, on the 30th.
Monthly Range of Barometer, 1.95.
Mean Temperature, 30.1.
Highest Temperature, 56.0, on the 24th.
Lowest Temperature, — 2, on the 13th.
Monthly Range of Temperature, 54.0.
Greatest Daily Range of Temperature, 26.0 on the 12th.
Least Daily Range of Temperature, 6.0 on the 23d.
Mean Daily Range of Temperature, 14.0.
Mean Daily Dew-point, 21.5.
Mean Daily Relative Humidity, 72.0.
Prevailing Direction of Wind, W.
Total Movement of Wind, 9,126 Miles.
Highest Velocity of Wind and Direction, 51 miles N.E. on the 29th.
Number of Foggy Days, 0.
Number of Clear Days, 9.
Number of Fair Days, 9.
Number of Cloudy Days, 13.
Total Number of Days on which Rain or Snow fell, 12.
Depth of unmelted Snow on ground at end of month, 6.0.
Dates of Auroras, 3d.
Dates of Solar Halos, 3d, 9th.
Dates of Lunar Halos, 22d.
Thunder storm, 0.
Dates of Frosts, 0.
Mean Max. Temp., 37.1.
Mean Min. Temp., 23.1.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	26	1871	0.92 In.
1872	27	1872	2.11
1873	26	1873	5.76
1874	31	1874	4.32
1875	29	1875	3.68
1876	30	1876	1.87
1877	25	1877	3.33
1878	28	1878	7.60
1879	24	1879	2.79
1880	35	1880	3.72
1881	22	1881	7.21
1882	26	1882	3.68
1883	25	1883	3.59
1884	24	1884	6.27
1885	27	1885	5.33
1886	26	1886	7.08
1887	26	1887	4.86
1888	20	1888	2.26
1889	36	1889	4.11
1890	32	1890	2.00
1891	31	1891	4.39
1892	28	1892	4.62
1893	21	1893	2.56
1894	30	1894	3.01

Average Jan. temperature for 24 years, 27.0.

Average Jan. precipitation for 24 years, 4.01.

*T indicates trace of precipitation.

376.9

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of February, 1894.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of February, 1894, ... 934

Population estimated at 487,397. Rate per 1,000 inhabitants, 22.99

Total number	934
SEX.	
Males	456
Females	478
CONDITION.	
Married	290
Single	507
Widows	99
Widowers	35
Unknown	3
COLOR.	
White	909
Colored	25
Total deaths of children: Under 1 year	170
Total deaths of children: Under 2 years	220
Total deaths of children: Under 5 years	288
Diarrhœal diseases: Under 1 year	1
Diarrhœal diseases: Under 2 years	2
Diarrhœal diseases: Under 5 years	2
Diarrhœal diseases: All ages	6

NATIVITY.	
United States	634
Ireland	164
England	16
Scotland	8
Germany	14
British America	55
Italy	8
Other Countries	25
Unknown	10
PARENTAGE.	
United States	236
Irish	294
English	19
Scotch	16
German	23
British American	51
Italian	26
Other Countries	94
Mixed	72
Unknown	103
Still-births during the month	56

Total Deaths with Principal Causes for the month

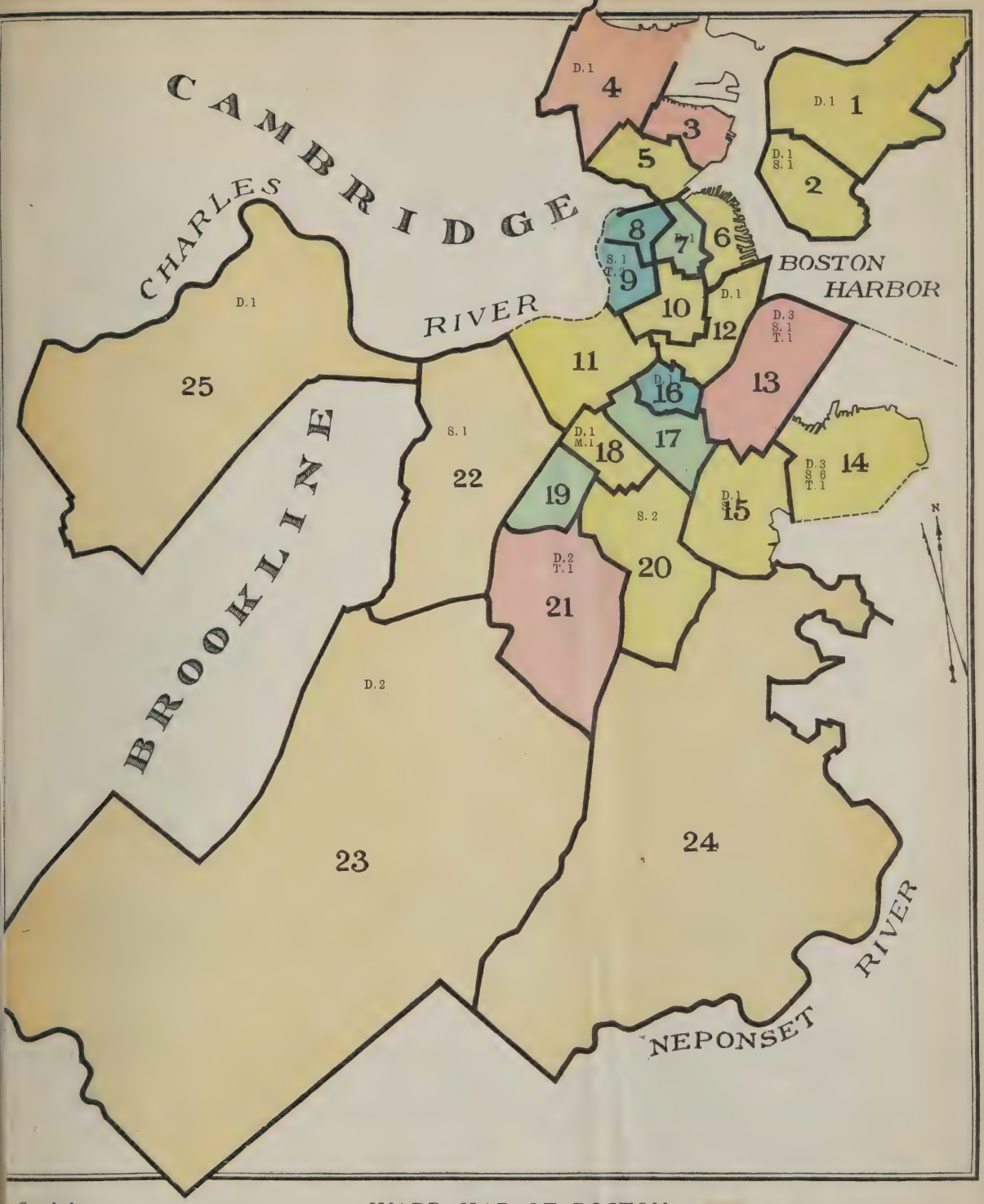
CAUSES OF DEATH.	Total Mortality for February, 1894.	Total Mortality for February, 1895.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	9	7												1	4	4						7	2
Croup	5	9				3	1			4	1											3	2
Carbuncle																							
Cholera Morbus																							
Cholera Infantum	2	1		1		1				2												2	
Cerebro-spinal Meningitis	1	2										1										1	
Congestive Fever																							
Diarrhœa	1	2															1					1	
Dysentery	3														3							1	2
Diphtheria	46	32			2	8	5	7	7	29	9	4	4									20	26
Erysipelas	6	5													1	3	1	1				2	4
Intermittent Fever																							
Influenza	12	2											2	3		1	3	3				5	7
Measles	1	3	1							1												1	
Purpura																							
Puerperal Fever	3	4												3									3
Pyæmia	4	4					1	1		2				1			1					2	2
Remittent Fever																							
Rheumatism	3	2										1	1				1					2	1
Scarlatina	18	22			1	4	3	2		10	5	2	1									6	12
Small Pox	5		1						1	2			1	2								3	2
Syphilis (Congenital)	1	3	1							1													1
Syphilis																							
Septicæmia	2	5											1	1								1	1
Tonsillitis																							
Typhoid Fever	5	9										1	2	2								3	2
Typhus Fever																							
Whooping Cough	10	2		1	3	2	1	2		9	1											3	7
Yellow Fever																							
Other Zymotic Diseases		1																					
II. CONSTITUTIONAL.																							
Cancer	25	25												2	8	7	5	2	1			8	17
Hydrocephalus and Tuberc. Meningitis	18	18	2		2	2	8			14	2	1	1									12	6
Marasmus, Scrofula and Tabes Mesenterica	28	31	10	4	5		2	2		23			1				1	1	1	1		13	15
Phthisis Pulmonalis	117	96			2		1			3	2	8	40	35	20	6	1	1	1			62	55
Other Constitutional Diseases	14	18			1	1				2	1	2	1	4	2	1			1			7	7

SANITARY STATISTICS OF BOSTON, MASS.

FEBRUARY, 1894.

STREET GRADES BY WARDS.		
Wards.	Highest Street Grade.	Lowest Street Grade.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37 Square miles.
" " " Acres, 23,707.
Miles of Streets, 558; paved 71.25; macadamized, 204.56; gravel, etc., 282.19.
Area of Parks 1,669 acres; Public Grounds 143 acres.
Number of Dwellings, (including tenement houses), 56,809.
" " Tenement Houses (three or more families), 10,763.
Daily Consumption of Water, 44,500,000 gallons.
Daily Capacity of Water Supply, 60,000,000 "
Storage Reservoirs, 7.
Reservoir Capacity, 5,000,000,000 gallons.



Symbols:

D — Diphtheria.

S — Scarlatina.

T — Typhoid Fever.

M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 27. S. — 5. T. — . M — . }

Under 20 inhabitants to a square acre.

From 33 to 49 " " "

" 52 to 80 " " "

" 111 to 123 " " "

" 151 to 213 " " "

# of February, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for February, 1894.	Total Mortality for February, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	39	30			1					1			1	3	4	7	11	11	1			15	24
Bright's Disease	12	19												3	1	2	3	2	1			7	5
Bronchitis	59	57	11	5	9	9	4	1		39				1		6	6	3	4			22	37
Heart Disease	65	70	1	2						3		5	3	10		11	18	11	4			33	32
Meningitis	17	28	4	1	1	3	1	1		11	3			2	1							7	10
Nephritis	16	24		1			1			2	1		1	1	3	3	5					7	9
Pleurisy	2	1														1		1				2	
Pneumonia	142	159	9	8	9	13	2	2	2	45	3	3	8	21	16	14	15	11	6			75	67
Other Local Diseases	136	117	20	6	8	2	5	2	1	44	2	5	15	15	15	10	17	9	4			66	70
IV. DEVELOPMENTAL.																							
Cyanosis		2																					
Inanition	4	13	4							4												2	2
Old Age	23	18															2	3	16	2		8	15
Premature Birth	20	17	20							20												12	8
Puerp'l Diseases (not including Puerp'l Fever)	3												1	1	1								3
Other Developmental Diseases	23	34	13			2				15			2		1		3	1		1		12	11
V. VIOLENT.																							
Accidental	25	27							2	2	1	3	5	3	1	3	5	2				18	17
Homicidal	1	1										1											1
Suicidal	5	6											2	2		1						4	1
Other Violent Causes	3	1									1		1					1				1	2
Unknown Causes		1											1										
Total from all Causes	934	909	97	29	44	50	35	20	13	288	32	37	94	116	81	80	99	63	40	4		456	478
Total from Zymotic Diseases	137	115	3	2	6	18	11	12	8	60	16	9	12	13	8	8	7	4				63	74
Including Tubercular Diseases	280	267																					
Total from Constitutional Diseases	202	169	12	4	10	3	11	2		42	5	11	43	41	30	14	7	4	4	1		102	100
" " Local do.	488	505	45	23	28	27	13	6	3	145	9	13	28	56	40	54	75	48	20			234	254
" " Developmental do.	73	84	37			2				39			3	1	2		5	4	16	3		34	39
" " Violent Causes	34	35							2	2	2	4	8	5	1	4	5	3				23	11

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of February, 1894, and for the corresponding month in 1893.

CASES REPORTED DURING FEBRUARY, 1894.	City.	Quarantine.	CASES REPORTED DURING FEBRUARY, 1893.	City.	Quarantine.
Diphtheria	128	....	Diphtheria	115	....
Measles	47	....	Measles	551	....
Small Pox	22	....	Small Pox	....	....
Scarlatina	169	....	Scarlatina	193	....
Typhoid Fever	28	....	Typhoid Fever	17	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of February, 1894, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	29.96	26	60	N.W.	T
2	30.17	23	65	W.	.00
3	29.80	32	70	W.	T
4	29.80	32	78	N.	0.11
5	30.28	16	54	N.	0.07
6	30.36	21	54	S.W.	.00
7	30.10	35	72	S.W.	.00
8	29.96	43	69	S.W.	T
9	30.07	36	86	N.E.	0.28
10	29.84	35	98	E.	0.26
11	29.98	34	67	W.	T
12	30.22	21	84	N.E.	0.16
13	30.10	18	80	N.	0.72
14	30.37	17	82	N.W.	T
15	29.45	31	94	N.E.	0.86
16	29.98	18	62	N.W.	.00
17	30.42	18	71	S.W.	.00
18	30.00	43	66	S.W.	0.28
19	30.04	40	83	S.W.	0.16
20	30.12	34	55	W.	0.14
21	30.07	32	62	N.W.	T
22	30.14	26	56	N.	.00
23	30.15	20	44	W.	T
24	30.69	Zero.	61	N.W.	.00
25	30.70	8	40	N.W.	.00
26	30.14	23	68	N.	0.11
27	30.43	26	62	N.	.00
28	30.34	34	77	S.W.	.00
TOTALS	—	—	—	—	3.15
MEANS	30.13	26.6	68.5	W.	.112

GENERAL ITEMS.

Mean Barometer, 30.13.
Highest Barometer, 30.84, on the 25th.
Lowest Barometer, 29.20, on the 15th.
Monthly Range of Barometer, 1.64.
Mean Temperature, 26.6.
Highest Temperature, 51.0, on the 18th.
Lowest Temperature, — 7, on the 24th.
Monthly Range of Temperature, 58.0.
Greatest Daily Range of Temperature, 34.0 on the 17th.
Least Daily Range of Temperature, 6.0 on the 10th.
Mean Daily Range of Temperature, 14.5.
Mean Daily Dew-point, 17.2.
Mean Daily Relative Humidity, 68.5.
Prevailing Direction of Wind, W.
Total Movement of Wind, 8,771 Miles.
Highest Velocity of Wind and Direction, 49 miles N.E. on the 12th.
Number of Foggy Days, 0.
Number of Clear Days, 7.
Number of Fair Days, 11.
Number of Cloudy Days, 10.
Total Number of Days on which Rain or Snow fell, 11.
Depth of unmelted Snow on ground at end of month, T.
Dates of Auroras, 22d, 23d.
Dates of Solar Halos, 7th, 12th, 16th, 25th.
Dates of Lunar Halos, 18th.
Thunder storm, 0.
Dates of Frosts, 0.
Mean Max. Temp., 33.8.
Mean Min. Temp., 19.3.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	29	1871	2.63 In.
1872	28	1872	2.31
1873	27	1873	3.21
1874	28	1874	3.41
1875	22	1875	3.74
—1876	27	1876	4.54
1877	32	1877	0.45
1878	29	1878	4.40
1879	24	1879	4.35
1880	32	1880	4.11
1881	28	1881	4.89
1882	30	1882	4.77
1883	29	1883	2.74
1884	31	1884	5.74
1885	20	1885	3.00
1886	27	1886	7.04
1887	29	1887	3.69
1888	28	1888	2.36
1889	26	1889	1.54
1890	33	1890	2.29
1891	32	1891	3.66
1892	28	1892	2.15
1893	27	1893	6.22
1894	27	1894	3.15

Average Feb. temperature for 24 years, 28.0.

Average Feb. precipitation for 24 years, 3.60.

*T indicates trace of precipitation.

3761.4

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of March, 1894.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of March, 1894, ... **982**

Population estimated at 487,397. **Rate per 1,000 inhabitants, 24.17**

Total number	982
SEX.	
Males	484
Females	498
CONDITION.	
Married	310
Single	538
Widows	103
Widowers	22
Unknown	9
COLOR.	
White	951
Colored	31
Total deaths of children: Under 1 year	204
Total deaths of children: Under 2 years	259
Total deaths of children: Under 5 years	333
Diarrhœal diseases: Under 1 year	2
Diarrhœal diseases: Under 2 years	2
Diarrhœal diseases: Under 5 years	2
Diarrhœal diseases: All ages	5

NATIVITY.	
United States	657
Ireland	183
England	20
Scotland	6
Germany	15
British America	55
Italy	11
Other Countries	24
Unknown	11
PARENTAGE.	
United States	222
Irish	331
English	22
Scotch	7
German	23
British American	65
Italian	28
Other Countries	93
Mixed	85
Unknown	106
Still-births during the month	60

Total Deaths with Principal Causes for the month

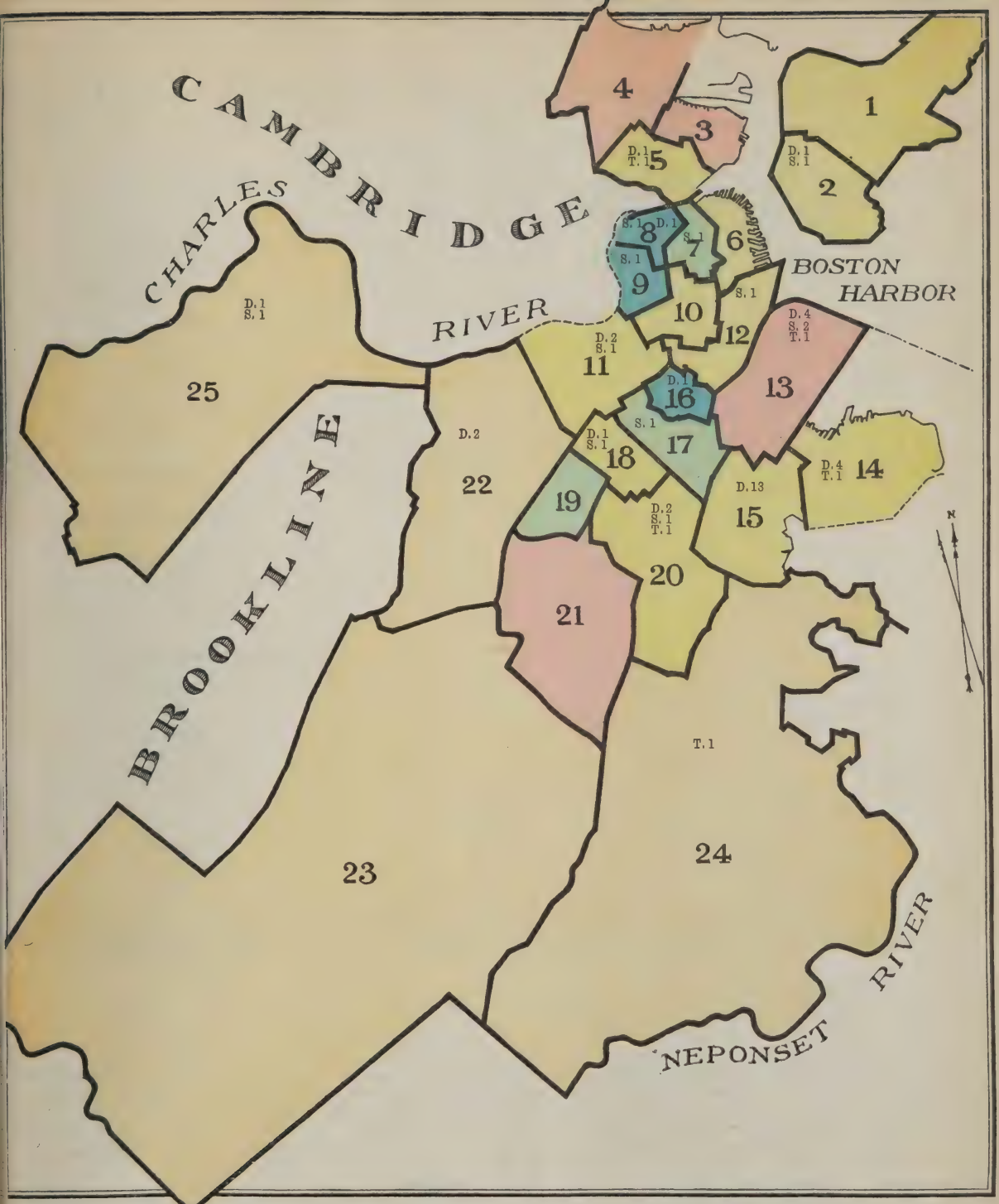
CAUSES OF DEATH.	Total Mortality for March, 1894.	Total Mortality for March, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	4	12											1		3							4	
Croup	4	9			2	2				4												4	
Carbuncle																							
Cholera Morbus																							
Cholera Infantum	2				2					2												1	1
Cerebro-spinal Meningitis	2								1	1				1								2	
Congestive Fever																							
Diarrhœa	1														1								1
Dysentery	2										1			1								2	
Diphtheria	56	31		1	5	2	7	13	3	31	19	4		1	1							28	28
Erysipelas	7	6	2	1				1		4				2	1							4	3
Intermittent Fever																							
Influenza	6	5			1					1		1		2					2			5	1
Measles		4																					
Purpura	1	1			1					1													1
Puerperal Fever	1	2												1									1
Pyæmia	1	1												1									1
Remittent Fever		1																					
Rheumatism		1																					
Scarlatina	12	22			2	1	4	2	1	10	1	1										7	5
Small Pox	6				2					2			1	2	1							4	2
Syphilis (Congenital)	1	5	1							1												1	
Syphilis	2													1	1							1	1
Septicæmia	3	8												3								1	2
Tonsillitis																							
Typhoid Fever	5	6							1	1		2		1	1							2	3
Typhus Fever																							
Whooping Cough	5	2	1		1	1	1			4	1											2	3
Yellow Fever																							
Other Zymotic Diseases																							
II. CONSTITUTIONAL.																							
Cancer	41	26										2	3	4	6	10	9	5	2			13	28
Hydrocephalus and Tuberc. Meningitis	31	21		8	9	4	2	1	1	25	2	1	3									23	8
Marasmus, Scrofula and Tabes Mesenterica	18	17	7		4	1	2			14	1	1		1			1					5	13
Phthisis Pulmonalis	142	126		1	1	3	4	2	1	12	3	10	45	31	28	7	6					81	61
Other Constitutional Diseases	18	29	1	2		2		1	1	7	1	1	3	4	1		1					9	9

SANITARY STATISTICS OF BOSTON, MASS.

MARCH, 1894.

STREET GRADES BY WARDS.		
Wards.	Highest Street Grade.	Lowest Street Grade.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37 Square miles.
" " " Acres, 23,707.
Miles of Streets, 558; paved 71.25; macadamized, 204.56; gravel, etc., 282.19.
Area of Parks 1,669 acres; Public Grounds 143 acres.
Number of Dwellings, (including tenement houses), 56,809.
" " Tenement Houses (three or more families), 10,763.
Daily Consumption of Water, 44,500,000 gallons.
Daily Capacity of Water Supply, 60,000,000 "
Storage Reservoirs, 7.
Reservoir Capacity, 5.000,000,000 gallons.



Symbols:

D—Diphtheria.

S—Scarlatina.

T—Typhoid Fever.

M—Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D.—23. S.— . T.— . M— . }

Under 20 inhabitants to a square acre.

From 33 to 49 " " "

" 52 to 80 " " "

" 111 to 123 " " "

" 151 to 213 " " "

# of March, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for March, 1894.	Total Mortality for March, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	26	27	1							1			2	2	4	7	4	3	3			9	17
Bright's Disease	17	23							1	1	1		1	1	5	2	2	3		1		9	8
Bronchitis	51	62	6	6	7	8	2	2		31			1			4	4	7	4			22	29
Heart Disease	86	74		1		1				2	2	8	6	8	12	11	19	12	6			32	54
Meningitis	17	38	1	3	2	5	1		2	14			2	1								11	6
Nephritis	13	16			1				1	2				2	2		5	2				8	5
Pleurisy		1																					
Pneumonia	158	192	11	10	24	23	7	2	1	78	2	2	9	12	12	15	13	12	3			83	75
Other Local Diseases	142	134	18	5	8		2	2		35	3	6	15	10	17	13	20	16	6	1		55	87
IV. DEVELOPMENTAL.																							
Cyanosis		5																					
Inanition	12	9	9	1	2					12												4	8
Old Age	20	27															1	7	11	1		8	12
Premature Birth	18	8	17			1				18												9	9
Puerp'l Diseases (not including Puerp'l Fever)	4	4											1	3									4
Other Developmental Diseases	12	18	12							12												8	4
V. VIOLENT.																							
Accidental	28	48	2	1	1	1	1		1	7		2	5	7	2	1	1	2		1		24	4
Homicidal	1	2									1												1
Suicidal	2	8													1	1						2	
Other Violent Causes	2															2							2
Unknown Causes	2	3												1	1							1	1
Total from all Causes	982	1034	89	40	75	55	33	26	15	333	38	41	98	103	100	73	86	69	37	4		484	498
Total from Zymotic Diseases	121	116	4	2	16	6	12	16	6	62	22	8	2	16	9				2			68	53
Including Tubercular Diseases	324	316																					
Total from Constitutional Diseases	250	219	8	11	14	10	8	4	3	58	7	15	54	40	35	17	17	5	2			131	119
" " Local do.	510	567	37	25	42	37	12	6	5	164	8	16	36	36	52	52	67	55	22	2		229	281
" " Developmental do.	66	71	38	1	2	1				42			1	3			1	7	11	1		29	37
" " Violent Causes	33	58	2	1	1	1	1		1	7	1	2	5	7	3	4	1	2		1		26	7

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of March, 1894, and for the corresponding month in 1893.

CASES REPORTED DURING MARCH, 1894.	City.	Quarantine.	CASES REPORTED DURING MARCH, 1893.	City.	Quarantine.
Diphtheria	185	....	Diphtheria	116	....
Measles	53	1	Measles	648	....
Small Pox	27	....	Small Pox	....	....
Scarlatina	168	...	Scarlatina	228	...
Typhoid Fever	33	..	Typhoid Fever	24	....
Typhus Fever	....	....	Typhus Fever	....	...
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of March, 1894, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	30.16	39	79	S.W.	.00
2	29.92	44	68	W.	T
3	30.18	44	60	N.W.	.00
4	30.44	44	49	S.W.	.00
5	30.34	54	50	S.W.	.00
6	30.20	57	70	S.W.	.00
7	30.00	54	66	W.	T
8	30.06	39	86	E.	.00
9	30.20	38	88	E.	.00
10	30.26	39	90	E.	.01
11	30.02	50	87	S.	.01
12	29.94	44	72	W.	.01
13	29.86	36	78	E.	.00
14	29.66	40	66	N.W.	.10
15	30.06	38	72	N.W.	.07
16	29.85	42	70	W.	.01
17	30.24	45	60	W.	.00
18	30.16	50	74	S.W.	.00
19	29.82	62	74	S.W.	.00
20	30.28	42	50	N.W.	.00
21	30.14	41	87	S.E.	.04
22	30.00	44	88	E.	.03
23	29.76	40	76	S.E.	.48
24	30.16	36	52	N.W.	.00
25	29.89	42	86	S.	.01
26	29.90	32	56	N.W.	.02
27	30.25	26	42	W.	.00
28	30.47	30	42	W.	.00
29	30.03	36	89	S.	.20
30	30.00	39	53	W.	.02
31	30.01	46	54	S.W., W.	.00
TOTALS	—	—	—	—	1.01
MEANS	30.07	42.5	68.6	W.	.032

GENERAL ITEMS.

Mean Barometer, 30.07.
Highest Barometer, 30.51, on the 28th.
Lowest Barometer, 29.50, on the 14th.
Monthly Range of Barometer, 1.01.
Mean Temperature, 42.5.
Highest Temperature, 70.0, on the 6th, 19th.
Lowest Temperature, — 20, on the 27th.
Monthly Range of Temperature, 50.0.
Greatest Daily Range of Temperature, 26.0 on the 6th.
Least Daily Range of Temperature, 6.0 on the 10th.
Mean Daily Range of Temperature, 14.8.
Mean Daily Dew-point, 30.6.
Mean Daily Relative Humidity, 68.6.
Prevailing Direction of Wind, W.
Total Movement of Wind, 8,964 Miles.
Highest Velocity of Wind and Direction, 36 miles W. on the 16th.
Number of Foggy Days, 0.
Number of Clear Days, 6.
Number of Fair Days, 17.
Number of Cloudy Days, 8.
Total Number of Days on which Rain or Snow fell, 13.
Depth of unmelted Snow on ground at end of month, 0.
Dates of Auroras, 30th.
Dates of Solar Halos, 12th, 15th, 17th, 19th, 20th, 22d, 28th.
Dates of Lunar Halos, 12th.
Thunder storm, 0.
Dates of Frosts, 0.
Mean Max. Temp., 49.9.
Mean Min. Temp., 35.1.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	42	1871	4.55 In.
1872	27	1872	4.05
1873	35	1873	3.76
1874	35	1874	1.60
1875	31	1875	5.04
1876	33	1876	7.19
1877	34	1877	9.79
1878	39	1878	5.91
1879	33	1879	3.90
1880	33	1880	3.25
1881	36	1881	9.86
1882	35	1882	3.35
1883	31	1883	2.33
1884	34	1884	4.86
1885	28	1885	1.15
1886	34	1886	3.20
1887	32	1887	3.86
1888	32	1888	3.32
1889	38	1889	1.19
1890	35	1890	5.88
1891	34	1891	3.94
1892	33	1892	3.91
1893	34	1893	2.80
1894	42	1894	1.01

Average March temperature for 24 years, 34.0.

Average March precipitation for 24 years, 4.15.

*T indicates trace of precipitation.

3761.9

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of April, 1894.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of April, 1894, ... 940

Population estimated at 487,397. Rate per 1,000 inhabitants, 23.14

Total number	940
SEX.	
Males	501
Females	439
CONDITION.	
Married	294
Single	514
Widows	82
Widowers	43
Unknown	7
COLOR.	
White	922
Colored	18

Total deaths of children	Under 1 year	168
	Under 2 years	225
	Under 5 years	296
Diarrhœal diseases	Under 1 year	4
	Under 2 years	5
	Under 5 years	5
	All ages	6

NATIVITY.	
United States	599
Ireland	190
England	14
Scotland	6
Germany	15
British America	61
Italy	12
Other Countries	28
Unknown	15
PARENTAGE.	
United States	223
Irish	330
English	23
Scotch	12
German	24
British American	54
Italian	23
Other Countries	92
Mixed	67
Unknown	92
Still-births during the month	50

Total Deaths with Principal Causes for the month

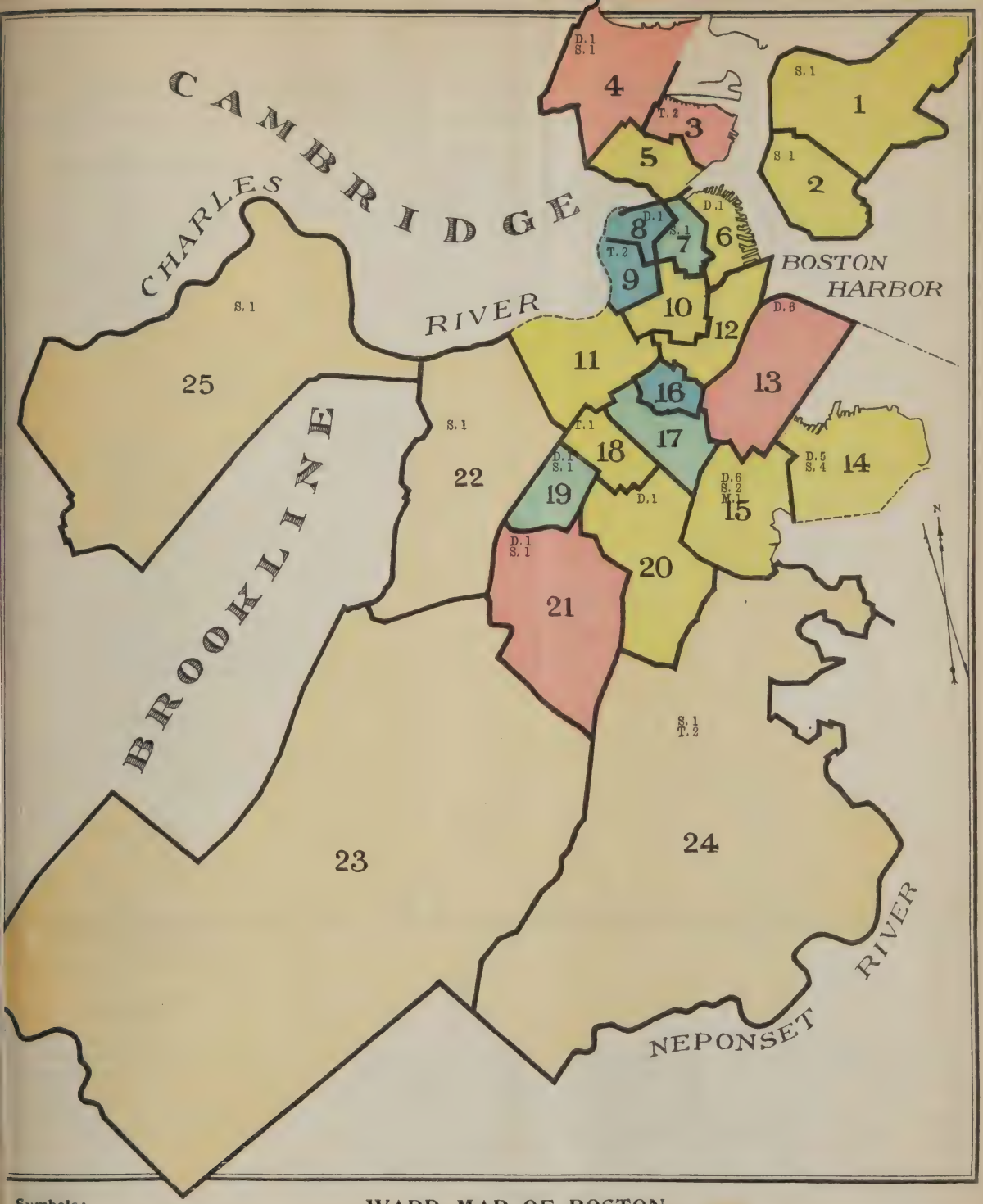
CAUSES OF DEATH.	Total Mortality for April, 1894.	Total Mortality for April, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	5	10													2	3						3	2
Croup	6	4				1	3	1	1	6													6
Carbuncle		1																					
Cholera Morbus	1																1						1
Cholera Infantum	3	4	1	1	1					3												2	1
Cerebro-spinal Meningitis	1	2		1						1												1	
Congestive Fever																							
Diarrhœa	3	3			1	1				2								1				1	2
Dysentery																							
Diphtheria	42	27			1	10	4	13	2	30	10	1		1								24	18
Erysipelas	2	11				1				1						1							2
Intermittent Fever		1																					
Influenza	4	15												1	1	2						2	2
Measles	1	2									1												1
Purpura																							
Puerperal Fever	1	3												1									1
Pyæmia		2																					
Remittent Fever																							
Rheumatism	1	7											1										1
Scarlatina	19	25				5	3	3	1	12	6			1								13	6
Small Pox	7		2							2			2	2		1						5	2
Syphilis (Congenital)	1	3	1							1												1	
Syphilis	2	4										1		1									2
Septicæmia	5	3					1			1		2	1			1						2	3
Tonsillitis	2	1				1		1		2												1	1
Typhoid Fever	7	10										2	2	1	1		1					7	
Typhus Fever																							
Whooping Cough	13	1	3	1	3	3	2			12	1											5	8
Yellow Fever																							
Other Zymotic Diseases																							
II. CONSTITUTIONAL.																							
Cancer	21	23											1	2	6	2	1	9				7	14
Hydrocephalus and Tuberc. Meningitis	17	17	1	1	2	7	3	1		15	1		1									8	9
Marasmus, Scrofula and Tabes Mesenterica	20	18	7	4	4	2	1			18									2			10	10
Phthisis Pulmonalis	125	141			1	2		1		4	1	7	44	36	14	10	6	2	1			56	69
Other Constitutional Diseases	21	20		1		1	1	1		4	2	1	4	5	2		2	1				11	10

SANITARY STATISTICS OF BOSTON, MASS.

APRIL, 1894.

STREET GRADES BY WARDS.		
Wards.	Highest Street Grade.	Lowest Street Grade.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37 Square miles.
" " " Acres, 23,707.
Miles of Streets, 558; paved 71.25; macadamized, 204.56; gravel, etc., 282.19.
Area of Parks 1,669 acres; Public Grounds 143 acres.
Number of Dwellings, (including tenement houses), 56,809.
" " Tenement Houses (three or more families), 10,763.
Daily Consumption of Water, 44,500,000 gallons.
Daily Capacity of Water Supply, 60,000,000 "
Storage Reservoirs, 7.
Reservoir Capacity, 5.000,000,000 gallons.



Symbols:

D — Diphtheria.

S — Scarlatina.

T — Typhoid Fever.

M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 19. S. — 4. T. — . M — . }

	Under 20 inhabitants to a square acre.
	From 33 to 49 " " "
	" 52 to 80 " " "
	" 111 to 123 " " "
	" 151 to 213 " " "

# of April, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for April, 1894.	Total Mortality for April, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	29	38		1						1			1	1	5	5	6	7	3			16	13
Bright's Disease	8	7										1	2	2	1	1	1					4	4
Bronchitis	44	62	8	7	6	5	2	2		30					2	1	1	7	2	1		18	26
Heart Disease	87	58						1		1	1	6	8	13	9	17	12	16	4			39	48
Meningitis	27	39	5	1	2	5	2	2	2	19	1	1	1	1	1	2		1				19	8
Nephritis	24	20	1				1			2	1	1	3	2	3	3	3	5	1			17	7
Pleurisy	1														1							1	
Pneumonia	116	240	5	3	7	8	5		2	30	3	3	6	10	15	22	12	12	3			73	43
Other Local Diseases	150	139	21	2	10	4	2		2	41	1	3	17	19	16	11	23	13	5	1		85	65
IV. DEVELOPMENTAL.																							
Cyanosis	3	1	3							3												3	
Inanition	5	7	3	1						4					1							3	2
Old Age	23	28															2	6	12	3		9	14
Premature Birth	19	11	19							19												13	6
Puerp'l Diseases (not including Puerp'l Fever)	9	3										1	2	6									9
Other Developmental Diseases	29	16	26							26							1	1	1			16	13
V. VIOLENT.																							
Accidental	28	27				1	1	2	2	6	2	3	3	4	4	2	1	3				21	7
Homicidal	1	1										1										1	
Suicidal	6	6											2		2	1		1				4	2
Other Violent Causes	1	1												1									1
Unknown Causes		3																					
Total from all Causes	940	1065	106	24	38	57	31	28	12	296	31	34	101	110	86	85	73	85	34	5		501	439
Total from Zymotic Diseases	126	139	7	3	6	22	13	18	4	73	18	6	6	8	4	8	2	1				67	59
Including Tubercular Diseases	285	353																					
Total from Constitutional Diseases	204	219	8	6	7	12	5	3		41	4	8	50	43	22	12	9	12	3			92	112
" " Local do.	486	603	40	14	25	22	12	5	6	124	7	15	38	48	53	62	58	61	18	2		272	214
" " Developmental do.	88	66	51	1						52		1	2	6	1		3	7	13	3		44	44
" " Violent Causes	36	35				1	1	2	2	6	2	4	5	5	6	3	1	4				26	10

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of April, 1894, and for the corresponding month in 1893.

CASES REPORTED DURING APRIL, 1894.	City.	Quarantine.	CASES REPORTED DURING APRIL, 1893.	City.	Quarantine.
Diphtheria	140	....	Diphtheria	73	....
Measles	49	5	Measles	684	....
Small Pox	15	....	Small Pox	....	1
Scarlatina	199	....	Scarlatina	245	....
Typhoid Fever	48	....	Typhoid Fever	34	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of April, 1894, as reported by J. W. SMITH, L. F. O.

DATE.	Daily Mean Barometer.	Daily Mean Temperature.	Daily Mean Humidity.	Prevailing Direction of Wind.	Daily Rain Fall.
1	29.68	55	50	W.	T
2	30.00	38	44	N.W.	.00
3	30.31	34	50	W.	.00
4	29.95	42	76	S.W.	.31
5	29.86	52	66	W.	.13
6	29.96	42	62	N.W.	.02
7	30.16	41	51	N.W.	.00
8	30.08	32	98	N.E.	1.18
9	30.16	34	78	N., N.W.	.13
10	30.17	38	58	N.E.	.00
11	29.92	34	84	N.E.	T
12	29.91	34	98	N.E.	1.44
13	29.84	36	86	N.	.30
14	29.92	39	82	N., N.E.	T
15	30.04	44	54	N.	T
16	30.11	46	53	E.	.00
17	30.21	46	74	S.E.	.00
18	30.30	51	52	S.W.	.00
19	30.12	52	76	S.W.	.00
20	29.99	60	85	S.W.	.00
21	29.88	60	88	S.W.	.03
22	29.82	52	87	E.	.07
23	29.92	54	76	S.W.	.00
24	29.92	51	84	N., E., W.	.04
25	30.10	52	63	N.E.	.13
26	30.05	59	36	W.	.00
27	29.98	66	52	W.	.00
28	29.90	65	52	W.	T
29	30.28	46	60	N.E.	T
30	30.34	56	43	S.W.	.00
Totals	—	—	—	—	3.78
Means	30.03	47.0	67	S.W.	.126

GENERAL ITEMS.

Mean Barometer, 30.030.
Highest Barometer, 30.47, on the 30th.
Lowest Barometer, 29.65, on the 1st.
Monthly Range of Barometer, 0.82.
Mean Temperature, 47.0.
Highest Temperature, 79.0, on the 27th.
Lowest Temperature, — 23, on the 3d.
Monthly Range of Temperature, 56.0.
Greatest Daily Range of Temperature, 32.0 on the 30th.
Least Daily Range of Temperature, 3.0 on the 11th.
Mean Daily Range of Temperature, 13.9.
Mean Daily Dew-point, 35.3.
Mean Daily Relative Humidity, 67.2.
Prevailing Direction of Wind, S.W.
Total Movement of Wind, 9,808 Miles.
Highest Velocity of Wind and Direction, 48 miles N.E. on the 11th.
Number of Foggy Days, 0.
Number of Clear Days, 10.
Number of Fair Days, 8.
Number of Cloudy Days, 12.
Total Number of Days on which Rain or Snow fell, 11.
Depth of unmelted Snow on ground at end of month, 0.
Dates of Auroras, 17th.
Dates of Solar Halos, 24th, 29th, 30th.
Dates of Lunar Halos, 10th, 16th, 18th.
Thunder storm, 0. Dates of Frosts, 0.
Mean Max. Temp., 54.0. Mean Min. Temp., 40.1.

Comparative Temperature.		Comparative Precipitations.	
1871	47	1871	3.79 In.
1872	45	1872	1.31
1873	47	1873	3.83
1874	37	1874	7.97
1875	42	1875	4.92
1876	43	1876	3.61
1877	44	1877	4.19
1878	47	1878	6.14
1879	42	1879	6.58
1880	46	1880	2.85
1881	43	1881	1.66
1882	42	1882	2.50
1883	44	1883	2.83
1884	43	1884	4.76
1885	46	1885	3.30
1886	48	1886	1.70
1887	44	1887	2.62
1888	42	1888	2.04
1889	48	1889	3.07
1890	46	1890	2.29
1891	48	1891	1.71
1892	48	1892	0.93
1893	44	1893	3.13
1894	47	1894	3.78

Average April temperature for 24 years, 45.0. Average April precipitation for 24 years, 3.40. *T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of May, 1894.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of May, 1894, ... 868

Population estimated at 487,397. Rate per 1,000 inhabitants, 21.37

Total number	868
SEX.	
Males	440
Females	428
CONDITION.	
Married	268
Single	485
Widows	72
Widowers	32
Unknown	11
COLOR.	
White	841
Colored	27
Total deaths of children: Under 1 year	152
Total deaths of children: Under 2 years	194
Total deaths of children: Under 5 years	266
Diarrhœal diseases: Under 1 year	2
Diarrhœal diseases: Under 2 years	6
Diarrhœal diseases: Under 5 years	6
Diarrhœal diseases: All ages	7

NATIVITY.	
United States	574
Ireland	165
England	18
Scotland	4
Germany	10
British America	54
Italy	10
Other Countries	21
Unknown	12
PARENTAGE.	
United States	238
Irish	282
English	20
Scotch	9
German	17
British American	54
Italian	22
Other Countries	86
Mixed	58
Unknown	82
Still-births during the month	69

Total Deaths with Principal Causes for the month

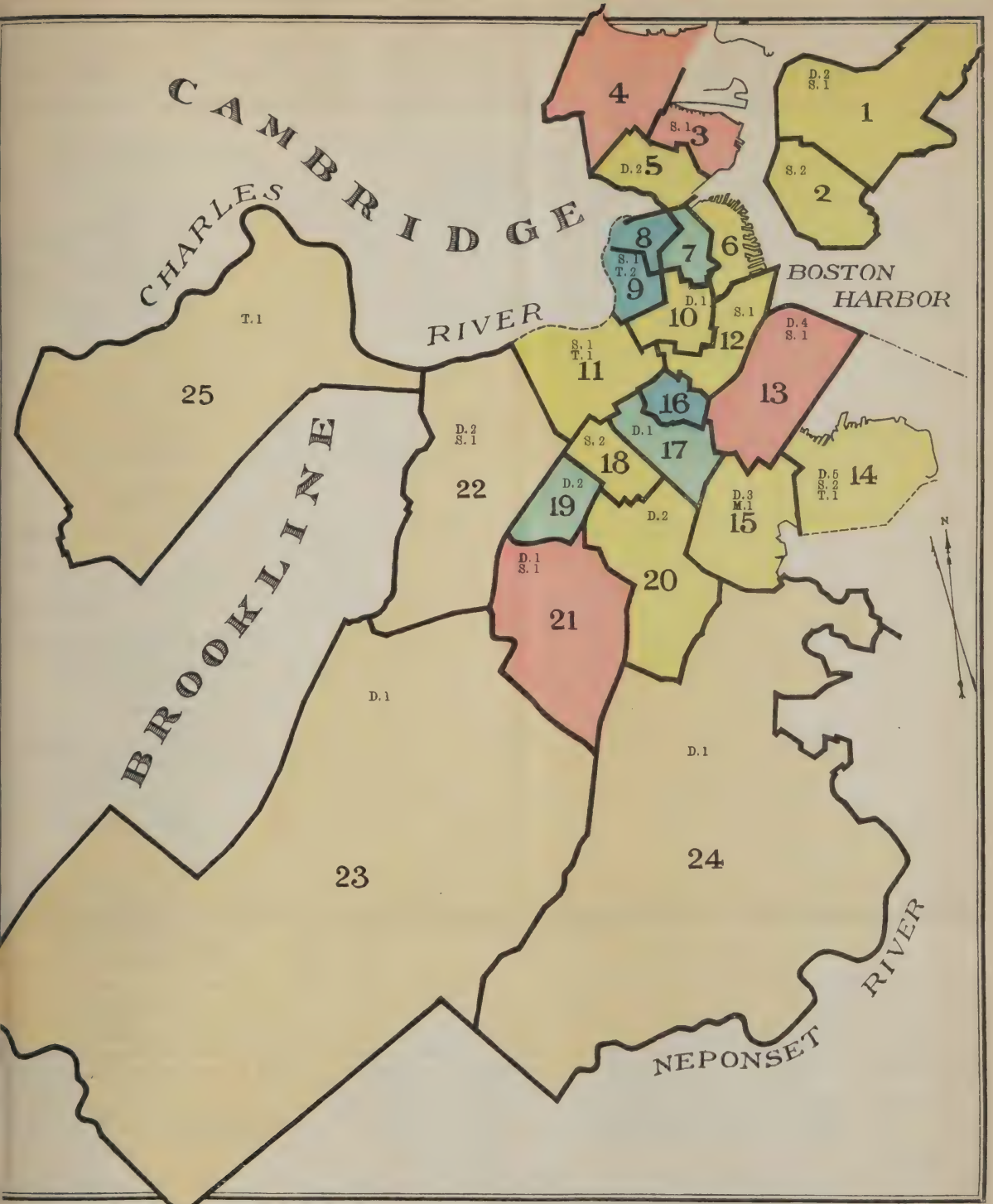
CAUSES OF DEATH.	Total Mortality for May, 1894.	Total Mortality for May, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	2	6												1	1							1	1
Croup	1	5					1			1												1	
Carbuncle																							
Cholera Morbus																							
Cholera Infantum	3	4	1	1		1				3												1	2
Cerebro-spinal Meningitis	1	3				1				1													1
Congestive Fever																							
Diarrhœa	3	3				2				2					1							2	1
Dysentery	1	4				1				1												1	
Diphtheria	58	33				11	12	12	5	40	15	2	1									29	29
Erysipelas	3	6	1							1				1	1							2	1
Intermittent Fever	2												1		1							1	1
Influenza	2	10															1			1			2
Measles	1	7				1				1													1
Purpura	1	1	1							1												1	
Puerperal Fever	1	2											1										1
Pyæmia	1	1												1								1	
Remittent Fever																							
Rheumatism		4																					
Scarlatina	21	25			1	3	3	7	3	17	3		1									14	7
Small Pox																							
Syphilis (Congenital)	4	1	3			1				4												4	
Syphilis	2												1				1					1	1
Septicæmia		3																					
Tonsillitis																							
Typhoid Fever	7	13											5	2								5	2
Typhus Fever																							
Whooping Cough	8	1	2	3	1	2				8												4	4
Yellow Fever																							
Other Zymotic Diseases	3	2											2			1						2	1
II. CONSTITUTIONAL.																							
Cancer	34	27										1		1	7	8	9	8				15	19
Hydrocephalus and Tuberc. Meningitis	17	29		1	2	3	1	1	2	10	2	1	3		1							10	7
Marasmus, Scrofula and Tabes Mesenterica	29	24	19	4	1	1	1		2	28							1					12	17
Phthisis Pulmonalis	126	111	1		1	2	1		1	6		17	39	33	15	9	5	1	1			62	64
Other Constitutional Diseases	14	25			1	1	2	1		5	1		3	1	2	1		1				4	10

SANITARY STATISTICS OF BOSTON, MASS.

MAY, 1894.

STREET GRADES BY WARDS.		
WARDS.	HIGHEST STREET GRADE.	LOWEST STREET GRADE.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37 Square miles.
" " " Acres, 23,707.
Miles of Streets, 558; paved 71.25; macadamized, 204.56; gravel, etc., 282.19.
Area of Parks 1,669 acres; Public Grounds 143 acres.
Number of Dwellings, (including tenement houses), 56,809.
" " Tenement Houses (three or more families), 10,763.
Daily Consumption of Water, 44,500,000 gallons.
Daily Capacity of Water Supply, 60,000,000 "
Storage Reservoirs, 7.
Reservoir Capacity, 5.000,000,000 gallons.



Symbols:

D — Diphtheria.

S — Scarlatina.

T — Typhoid Fever.

M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 31. S. — 7. T. — 3. M — .

Under 20 inhabitants to a square acre.

From 33 to 49 " " "

" 52 to 80 " " "

" 111 to 123 " " "

" 151 to 213 " " "

# of May, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for May, 1894.	Total Mortality for May, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	36	34						1		1	1		2		6	8	8	7	2	1		19	17
Bright's Disease	12	16											1	1	2	3	3	2				5	7
Bronchitis	33	44	6	4	4	2	3	1		20		1			2	4	3	3				17	16
Heart Disease	61	63	3							3	2	1	4	7	10	11	13	7	2	1		34	27
Meningitis	24	41	2	3	7	5	1			18	1		1	2	1		1					9	15
Nephritis	21	14	1							1	1	1	1	3	5	5	3		1			10	11
Pleurisy		2																					
Pneumonia	85	175	1	3	4	4	1	4		17	3	3	11	4	15	8	13	8	3			43	42
Other Local Diseases	124	163	16		6	1			2	25	3	6	17	13	10	10	23	12	4	1		59	65
IV. DEVELOPMENTAL.																							
Cyanosis	1	1	1							1												1	
Inanition	5	4	5							5												2	3
Old Age	13	15															1	3	6	3		4	9
Premature Birth	21	14	20	1						21												10	11
Puerp'l Diseases (not including Puerp'l Fever)	4												3		1								4
Other Developmental Diseases	26	26	11	3	3					17			1		3	1		4				12	14
V. VIOLENT.																							
Accidental	36	39	3				2	1	1	7	3	3	8	3	4	2	4	1	1			28	8
Homicidal	2	1													1			1				1	1
Suicidal	9	4												3	4	1	1					9	
Other Violent Causes	8	2											3	1	1	2	1					3	5
Unknown Causes	2	2		1						1				1								1	1
Total from all Causes	868	1010	97	24	31	42	28	28	16	265	35	36	109	78	94	74	91	58	20	7		440	428
Total from Zymotic Diseases	125	144	8	4	2	26	16	19	8	80	18	2	12	5	4	1	2			1		70	55
Including Tubercular Diseases	278	334																					
Total from Constitutional Diseases	220	216	20	5	5	7	5	2	5	49	3	19	45	35	25	18	15	10	1			103	117
" " Local do.	396	552	29	10	21	12	5	6	2	85	11	12	37	30	51	49	67	39	12	3		196	200
" " Developmental do.	70	60	37	4	3					44			4		4	1	1	7	6	3		29	41
" " Violent Causes	55	46	3				2	1	1	7	3	3	11	7	10	5	6	2	1			41	14

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of May, 1894, and for the corresponding month in 1893.

CASES REPORTED DURING MAY, 1894.	City.	Quarantine.
Diphtheria	187	....
Measles	96	....
Small Pox	2	....
Scarlatina	266	....
Typhoid Fever	51	....
Typhus Fever	....	....
Yellow Fever	....	....

CASES REPORTED DURING MAY, 1893.	City.	Quarantine.
Diphtheria	86	....
Measles	595	1
Small Pox	....	1
Scarlatina	205	....
Typhoid Fever	55	....
Typhus Fever	....	....
Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of May, 1894, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	30.04	68	52	S.W.	.00
2	29.84	76	50	W.	.02
3	30.18	56	72	E.	.00
4	30.20	46	93	E.	.05
5	30.06	56	75	S.W., S.E.	.22
6	29.82	60	94	S.W.	.44
7	29.70	68	73	S.W.	T
8	29.80	68	43	W.	.00
9	30.00	64	47	W.	.00
10	30.37	54	54	E.	.00
11	30.36	55	69	S.W.	T
12	30.32	60	52	S.W.	.00
13	30.05	66	44	N.W.	.00
14	30.08	54	34	N.W.	.00
15	29.86	54	36	N.W.	.00
16	29.80	60	37	N.W.	.00
17	29.84	61	72	S.	.00
18	29.80	58	94	E.	.01
19	29.88	54	98	N.E.	.69
20	30.25	46	96	N.E.	.04
21	30.34	46	89	N.E.	T
22	30.16	50	67	E. & N.W.	.00
23	29.93	60	76	E.	.03
24	29.74	49	98	N.E.	1.10
25	29.64	54	85	N.	.05
26	29.85	54	74	N.W.	T
27	29.96	58	82	E.	.00
28	29.93	64	71	S.	.00
29	29.85	56	92	E.	0.85
30	30.02	58	44	N.W.	0.62
31	29.81	50	95	N.W.	0.62
TOTALS	—	—	—	—	4.12
MEANS	29.98	57.6	69.6	E.	.122

GENERAL ITEMS.

Mean Barometer, 29.98.
Highest Barometer, 30.43, on the 12th.
Lowest Barometer, 29.58, on the 25th.
Monthly Range of Barometer, 0.85.
Mean Temperature, 57.6.
Highest Temperature, 88.0, on the 2d.
Lowest Temperature, — 39, on the 22d.
Monthly Range of Temperature, 49.0.
Greatest Daily Range of Temperature, 28.0 on the 16th.
Least Daily Range of Temperature, 4.0 on the 20th.
Mean Daily Range of Temperature, 16.3.
Mean Daily Dew-point, 45.5.
Mean Daily Relative Humidity, 69.6.
Prevailing Direction of Wind, E.
Total Movement of Wind, 8,095 Miles.
Highest Velocity of Wind and Direction, 45 miles W. on the 7th.
Number of Foggy Days, 2.
Number of Clear Days, 11.
Number of Fair Days, 10.
Number of Cloudy Days, 10.
Total Number of Days on which Rain or Snow fell, 12.
Depth of unmelted Snow on ground at end of month, 0.
Dates of Auroras,
Dates of Solar Halos, 10th, 30th.
Dates of Lunar Halos, 11th.
Thunder storm, 2d, 19th.
Dates of Frosts, 0.
Mean Max. Temp., 65.7.
Mean Min. Temp., 49.4.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	58	1871	4.54 In.
1872	58	1872	3.29
1873	56	1873	5.16
1874	57	1874	3.70
1875	58	1875	3.76
1876	54	1876	2.70
1877	55	1877	3.38
1878	56	1878	1.03
1879	60	1879	0.97
1880	63	1880	1.67
1881	55	1881	4.16
1882	49	1882	6.05
1883	56	1883	5.11
1884	54	1884	3.31
1885	52	1885	4.26
1886	56	1886	3.08
1887	59	1887	1.67
1888	52	1888	5.20
1889	60	1889	4.15
1890	57	1890	4.48
1891	56	1891	1.56
1892	56	1892	5.15
1893	56	1893	5.23
1894	58	1894	4.12

Average temperature for 24 years, 56.0.

Average precipitation for 24 years, 3.65.

*T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of June, 1894.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of June, 1894, ... 784

Population estimated at 501,107. Rate per 1,000 inhabitants, 18.77

Total number	784
SEX.	
Males	406
Females	378
CONDITION.	
Married	258
Single	425
Widows	65
Widowers	25
Unknown	11
COLOR.	
White	768
Colored	16

Total deaths of children	Under 1 year	152
	Under 2 years	189
	Under 5 years	239
Diarrhœal diseases	Under 1 year	13
	Under 2 years	17
	Under 5 years	17
	All ages	21

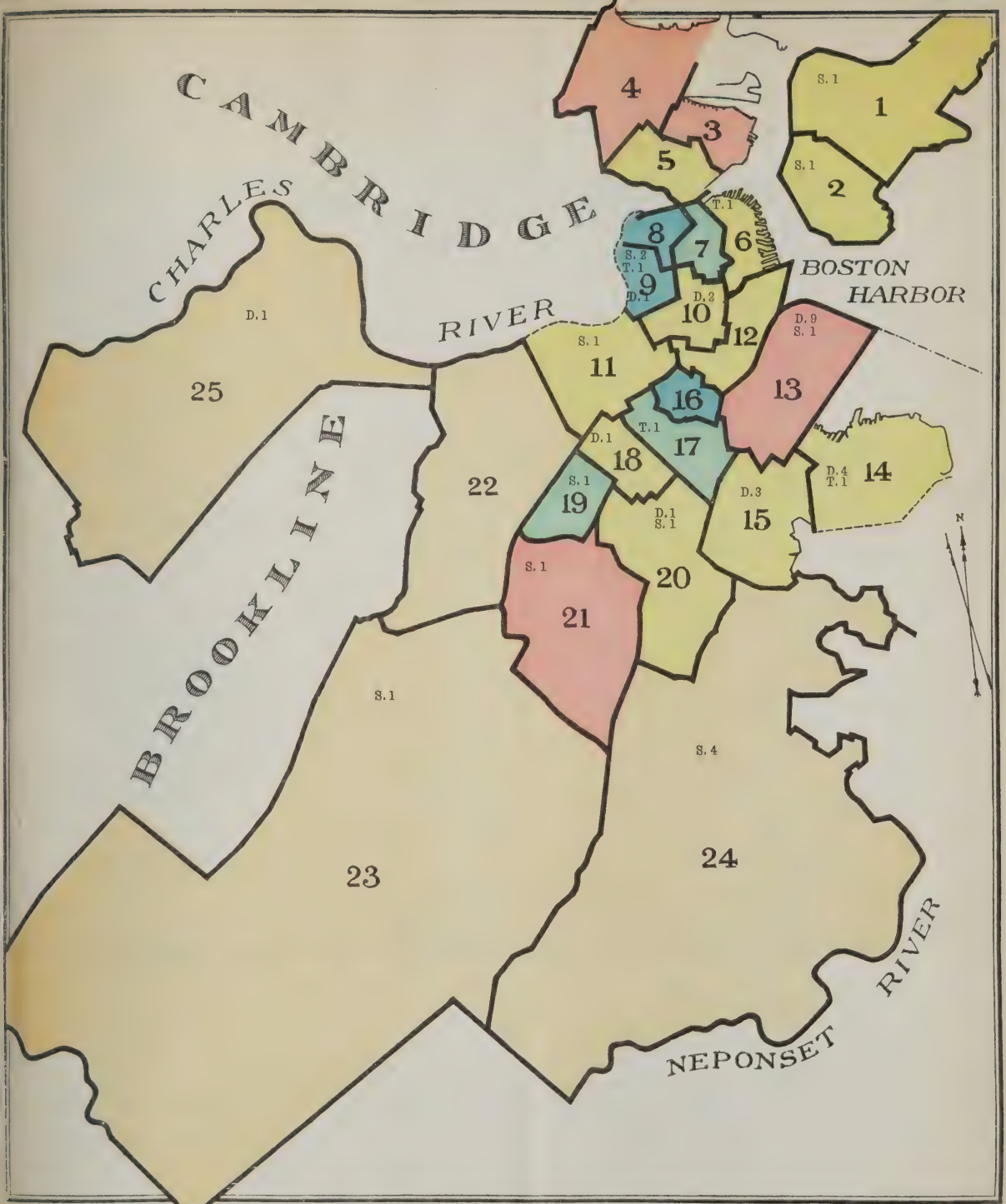
NATIVITY.	
United States	500
Ireland	151
England	19
Scotland	9
Germany	11
British America	54
Italy	4
Other Countries	24
Unknown	12
PARENTAGE.	
United States	169
Irish	272
English	19
Scotch	8
German	17
British American	41
Italian	18
Other Countries	75
Mixed	76
Unknown	89
Still-births during the month	82

SANITARY STATISTICS OF BOSTON, MASS.

JUNE, 1894.

STREET GRADES BY WARDS.		
Wards.	Highest Street Grade.	Lowest Street Grade.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37 Square miles.
" " " Acres, 23,707.
Miles of Streets, 558; paved 71.25; macadamized, 204.56; gravel, etc., 282.19.
Area of Parks 1,669 acres; Public Grounds 143 acres.
Number of Dwellings, (including tenement houses), 56,809.
" " Tenement Houses (three or more families), 10,763.
Daily Consumption of Water, 44,500,000 gallons.
Daily Capacity of Water Supply, 60,000,000 "
Storage Reservoirs, 7.
Reservoir Capacity, 5,000,000,000 gallons.



Symbols:

D — Diphtheria.

S — Scarlatina.

T — Typhoid Fever.

M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 21. S. — 4. T. — . M — . }

- Under 20 inhabitants to a square acre.
- From 33 to 49 " " "
- " 52 to 80 " " "
- " 111 to 123 " " "
- " 151 to 213 " " "

# of June, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for June, 1894.	Total Mortality for June, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	31	32											1	2	2	6	4	8	8			12	19
Bright's Disease	12	8										1		1	1	4	1	4				6	6
Bronchitis	24	22	3	3	7	3	1	1		18					1	1	2	1	1			16	8
Heart Disease	65	62	1							1		5	3	11	8	17	9	11				36	29
Meningitis	19	25	3	2	5	1			1	12	1	1		1	1	1	1	1				9	10
Nephritis	18	19			1					1			1	6	3	3	2	2				14	4
Pleurisy																							
Pneumonia	59	85	3	1	5	7	2	2	1	21	1	1	4	11	8	3	4	4	1			36	23
Other Local Diseases	141	125	11	7	5	10	2	2	2	39	6	5	12	19	15	23	16	3	3			76	65
IV. DEVELOPMENTAL.																							
Cyanosis	1	3	1							1												1	
Inanition	3	7	3							3												1	2
Old Age	16	16															1	4	10	1		8	8
Premature Birth	17	9	17							17												9	8
Puerp'l Diseases (not including Puerp'l Fever)	7	1										2	3	2									7
Other Developmental Diseases	22	22	13			1				14		1			2		2	2	1			13	9
V. VIOLENT.																							
Accidental	33	35	1	1		1				3		1	5	9	4	4	5	1	1			22	11
Homicidal	1												1									1	
Suicidal	3	6												1		2						3	
Other Violent Causes	4	3												2		1	1					1	3
Unknown Causes	3	2	1							1				1				1					3
Total from all Causes	784	772	86	28	38	37	15	19	16	239	37	38	78	108	70	75	61	48	27	3		406	378
Total from Zymotic Diseases	118	107	8	6	7	10	8	11	9	59	24	5	9	9	5	2	2	2		1		58	60
Including Tubercular Diseases	252	240																					
Total from Constitutional Diseases	187	181	21	8	8	4	2	3	3	49	5	16	39	33	20	8	11	4	2			84	103
" " Local do.	369	378	21	13	23	21	5	5	4	92	8	13	21	51	39	58	39	34	13	1		205	164
" " Developmental do.	66	58	34			1				35		3	3	2	2		3	6	11	1		32	34
" " Violent Causes	41	46	1	1		1				3		1	6	12	4	7	6	1	1			27	14

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of June, 1894, and for the corresponding month in 1893.

CASES REPORTED DURING JUNE, 1894.	City.	Quarantine.	CASES REPORTED DURING JUNE, 1893.	City.	Quarantine.
Diphtheria	167	....	Diphtheria	112	....
Measles	83	....	Measles	363	....
Small Pox	....	....	Small Pox	....	....
Scarlatina	205	....	Scarlatina	149	....
Typhoid Fever	34	....	Typhoid Fever	43	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of June, 1894, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	29.64	58	67	S.W.	.17
2	29.73	60	79	S.	.04
3	29.58	62	62	S.W., W.	.14
4	29.65	70	44	S.W.	.00
5	29.82	57	60	E.	T
6	29.91	56	62	S.W., W.	T
7	29.78	56	64	N.	.11
8	30.02	69	44	W.	.00*
9	30.01	68	45	W.	.00
10	30.08	72	48	W.	.00
11	29.99	78	70	W.	.00
12	30.08	63	86	N.E.	.00
13	30.22	54	76	N.E.	.00
14	30.20	65	54	S.W., W.	.00
15	30.05	74	62	W.	.00
16	29.89	79	66	S.W.	.00
17	29.87	84	55	W.	.00
18	29.98	79	68	S.W.	.00
19	30.06	75	86	S.W.	.00
20	30.01	74	86	S.W.	T
21	30.00	74	75	S.W.	.33
22	29.97	77	70	S.W.	.00
23	29.94	83	58	W.	.00
24	30.25	56	86	N.E.	T
25	30.12	64	86	S.W.	T
26	29.98	77	84	S.W.	.00
27	29.88	78	86	S.W.	.00
28	29.96	78	61	S.W.	T
29	30.12	60	94	N.E.	.01
30	30.04	70	90	S.W.	T
TOTALS	—	—	—	—	0.80
MEANS	29.96	69.0	70	S.W.	.026

GENERAL ITEMS.

Mean Barometer, 29.96.
Highest Barometer, 30.27, on the 14th.
Lowest Barometer, 29.58, on the 1st.
Monthly Range of Barometer, 0.69.
Mean Temperature, 69.0.
Highest Temperature, 95.0, on the 17th.
Lowest Temperature, — 47, on the 6th.
Monthly Range of Temperature, 48.0.
Greatest Daily Range of Temperature, 32.0 on the 14th.
Least Daily Range of Temperature, 3.0 on the 24th.
Mean Daily Range of Temperature, 18.7.
Mean Daily Dew-point, 56.0.
Mean Daily Relative Humidity, 70.0.
Prevailing Direction of Wind, S.W.
Total Movement of Wind, 7,594 Miles.
Highest Velocity of Wind and Direction, 30 miles S. on the 2d.
Number of Foggy Days, 0.
Number of Clear Days, 4.
Number of Fair Days, 20.
Number of Cloudy Days, 6.
Total Number of Days on which Rain or Snow fell, 6.
Depth of unmelted Snow on ground at end of month, 0.
Dates of Auroras, 0.
Dates of Solar Halos, 6th, 9th, 13th.
Dates of Lunar Halos, 0.
Thunder storm, 7th, 21st.
Dates of Frosts, 0.
Mean Max. Temp., 78.0.
Mean Min. Temp., 59.0.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	66	1871	5.55 In.
1872	68	1872	4.84
1873	68	1873	0.54
1874	66	1874	3.94
1875	67	1875	7.25
1876	68	1876	1.72
1877	67	1877	3.21
1878	64	1878	2.28
1879	64	1879	6.24
1880	67	1880	0.75
1881	61	1881	7.79
1882	66	1882	1.03
1883	69	1883	2.07
1884	66	1884	4.01
1885	66	1885	3.70
1886	63	1886	1.34
1887	64	1887	1.98
1888	67	1888	2.69
1889	68	1889	2.77
1890	64	1890	2.21
1891	65	1891	3.06
1892	70	1892	3.05
1893	65	1893	2.20
1894	69	1894	0.80

Average temperature for 24 years, 66.0.

Average precipitation for 24 years, 3.12.

*T indicates trace of precipitation.

3761.9

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of July, 1894.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of July, 1894, ... 1150

Population estimated at 501,107. Rate per 1,000 inhabitants, 27.53

Total number	1150
SEX.	
Males	625
Females	525
CONDITION.	
Married	263
Single	753
Widows	89
Widowers	34
Unknown	11
COLOR.	
White	1114
Colored	36
Total deaths of children: Under 1 year	393
Total deaths of children: Under 2 years	473
Total deaths of children: Under 5 years	541
Diarrhœal diseases: Under 1 year	219
Diarrhœal diseases: Under 2 years	261
Diarrhœal diseases: Under 5 years	267
Diarrhœal diseases: All ages	279

NATIVITY.	
United States	832
Ireland	177
England	18
Scotland	8
Germany	15
British America	55
Italy	6
Other Countries	23
Unknown	16
PARENTAGE.	
United States	244
Irish	393
English	24
Scotch	16
German	24
British American	74
Italian	17
Other Countries	132
Mixed	125
Unknown	101
Still-births during the month	49

Total Deaths with Principal Causes for the month

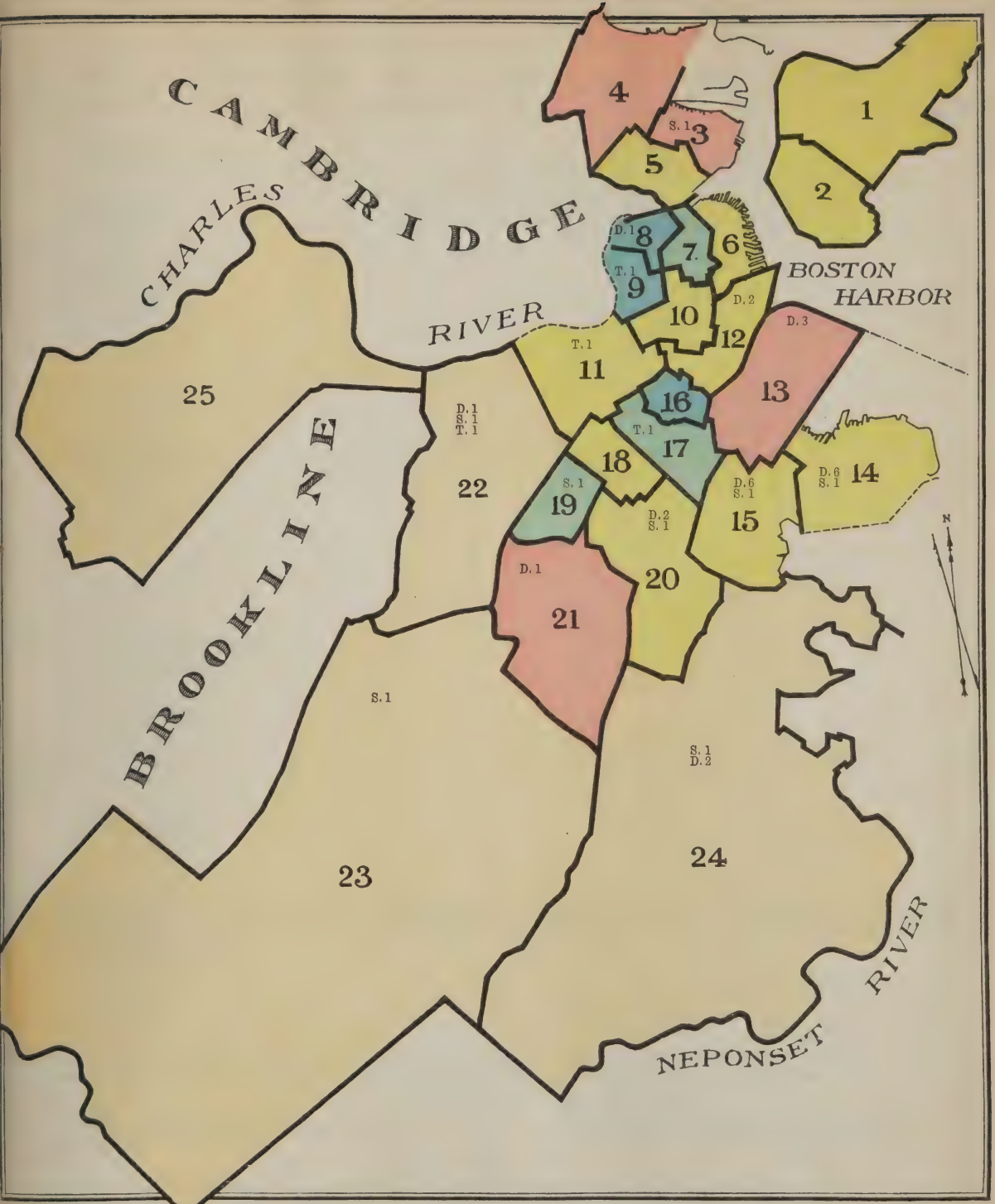
CAUSES OF DEATH.	Total Mortality for July, 1894.	Total Mortality for July, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	9	9											3	3	2	1		1				8	1
Croup	4	2					2	1		3	1											3	1
Carbuncle		1																					
Cholera Morbus	2	3			1			1		2													2
Cholera Infantum	251	156	41	68	98	39	4	1		251												125	126
Cerebro-spinal Meningitis	1				1					1													1
Congestive Fever																							
Diarrhœa	18	11	1	5	4	3				13				3		1				1		4	14
Dysentery	8	6		1						1				1			2	1	3			3	5
Diphtheria	41	30			2	5	9	6	5	27	11	3										27	14
Erysipelas	1	1																	1			1	
Intermittent Fever																							
Influenza		2																					
Measles		1																					
Purpura																							
Puerperal Fever		4																					
Pyæmia																							
Remittent Fever																							
Rheumatism	5	4													1	3		1				3	2
Scarlatina	14	16	1		1	2	2	1	1	8	3	2		1								8	6
Small Pox																							
Syphilis (Congenital)	1	1		1						1												1	
Syphilis		1																					
Septicæmia	1	3														1							1
Tonsillitis																							
Typhoid Fever	4	7									1		1		2							4	
Typhus Fever																							
Whooping Cough	8	3	1	3			4			8												4	4
Yellow Fever																							
Other Zymotic Diseases																							
II. CONSTITUTIONAL.																							
Cancer	44	22											2	4	9	11	11	4	3			14	30
Hydrocephalus and Tuberc. Meningitis	14	15	3	2	3	2	1			11		1	1	1								6	8
Marasmus, Scrofula and Tabes Mesenterica	38	39	11	8	8	4	1			32			1	1	1	1	1		1			20	18
Phthisis Pulmonalis	111	112		1		1				2	1	15	41	20	16	7	7	1		1		52	59
Other Constitutional Diseases	21	12				1	1			2	1	2	3	6	4	2	1					13	8

SANITARY STATISTICS OF BOSTON, MASS.

JULY, 1894.

STREET GRADES BY WARDS.		
Wards.	Highest Street Grade.	Lowest Street Grade.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37 Square miles.
" " " Acres, 23,707.
Miles of Streets, 558; paved 71.25; macadamized, 204.56; gravel, etc., 282.19.
Area of Parks 1,669 acres; Public Grounds 143 acres.
Number of Dwellings, (including tenement houses), 56,809.
" " Tenement Houses (three or more families), 10,763.
Daily Consumption of Water, 44,500,000 gallons.
Daily Capacity of Water Supply, 60,000,000 "
Storage Reservoirs, 7.
Reservoir Capacity, 5.000,000,000 gallons.



Symbols:

D — Diphtheria.
S — Scarlatina.
T — Typhoid Fever.
M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 17. S. — 7. T. — . M — . }

Under 20 inhabitants to a square acre.
From 33 to 49 " " "
" 52 to 80 " " "
" 111 to 123 " " "
" 151 to 213 " " "

# of July, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for July, 1894.	Total Mortality for July, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	32	33							1	1				4	3	4	8	7	5			19	13
Bright's Disease	11	9												2	2	1	3	3				9	2
Bronchitis	24	26		2	4	1				7			1	2	3	1	3	2	4	1		13	11
Heart Disease	75	65	1	1					1	3	1	8	3	8	10	10	12	17	3			45	30
Meningitis	38	32	1	4	9	6	2	3	1	26		2	2	3		2	2	1				23	15
Nephritis	20	11									2		5	4	1	1	3	4				12	8
Pleurisy		1																					
Pneumonia	34	56		3	6	4	4	1	1	19			4	3	2	3	1	2				14	20
Other Local Diseases	205	183	22	23	22	10	5	2	1	85	2	7	21	16	20	15	25	9	5			123	82
IV. DEVELOPMENTAL.																							
Cyanosis																							
Inanition	7	4	6			1				7												3	4
Old Age	18	15															1	6	8	3		8	10
Premature Birth	13	11	13							13												8	5
Puerp'l Diseases (not including Puerp'l Fever)	3	4											1	2									3
Other Developmental Diseases	19	19	8	1		1				10			1		4		1	2	1			14	5
V. VIOLENT.																							
Accidental	40	63	1		1		1	2	2	7	3	3	10	3	2	6	3	3				28	12
Homicidal	3							1		1			1		1							2	1
Suicidal	8	7											2	2	3	1						8	
Other Violent Causes	2	1											1	1									2
Unknown Causes	2														2								2
Total from all Causes	1150	1001	110	123	160	80	36	19	13	541	26	43	104	90	88	71	84	63	34	6		625	525
Total from Zymotic Diseases	368	261	44	78	107	49	21	10	6	315	16	5	4	8	5	6	2	2	4	1		191	177
Including Tubercular Diseases	540	395																					
Total from Constitutional Diseases	228	200	14	11	11	8	3			47	2	18	48	32	30	21	20	5	4	1		105	123
" " Local do.	439	416	24	33	41	21	11	6	5	141	5	17	36	42	41	37	57	45	17	1		258	181
" " Developmental do.	60	53	27	1		2				30			2	2	4		2	8	9	3		33	27
" " Violent Causes	53	71	1		1		1	3	2	8	3	3	14	6	6	7	3	3				38	15

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of July, 1894, and for the corresponding month in 1893.

CASES REPORTED DURING JULY, 1894.	City.	Quarantine.	CASES REPORTED DURING JULY, 1893.	City.	Quarantine.
Diphtheria	139	....	Diphtheria	89	....
Measles	47	....	Measles	200	....
Small Pox	....	....	Small Pox	....	....
Scarlatina	109	...	Scarlatina	109	...
Typhoid Fever	48	..	Typhoid Fever	48	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of July, 1894, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	30.04	80	69	S.W.	.00
2	30.04	79	74	S.W.	.00
3	29.84	75	88	S.W.	.18
4	29.83	77	58	W.	.01
5	29.86	72	50	W.	.00
6	29.86	70	56	S.	.00
7	29.78	72	61	W.	.04
8	30.00	64	60	W.	.00
9	30.11	66	56	W.	.00
10	30.07	64	65	E.	.00
11	30.00	72	57	S.W.	T
12	29.86	74	62	S.W.	.01
13	29.80	86	47	S.W.	.00
14	29.87	72	66	S.W.	.05
15	30.00	72	77	E.	.00
16	30.11	64	95	E.	.00
17	30.19	64	91	E.	.00
18	30.16	74	84	S.W.	.00
19	29.98	78	72	S.W.	.00
20	29.82	84	65	S.W.	.00
21	29.81	76	74	N.E.	.73
22	30.04	64	83	N.E.	.40
23	30.12	64	76	E.	.00
24	29.96	70	90	E.	1.12
25	30.06	78	72	S.W.	.45
26	30.20	76	74	E.	.06
27	30.22	74	79	S.E.	.00
28	30.00	84	69	S.W.	.00
29	29.89	84	69	S.W.	.00
30	29.94	78	60	W.	.04
31	30.00	77	61	W.	.00
TOTALS	—	—	—	—	3.09
MEANS	29.98	73.7	69.6	S.W.	.099

GENERAL ITEMS.

Mean Barometer, 29.98.
Highest Barometer, 30.28, on the 27th.
Lowest Barometer, 29.71, on the 13th.
Monthly Range of Barometer, 0.57.
Mean Temperature, 73.7.
Highest Temperature, 97.0, on the 28th.
Lowest Temperature, — 56, on the 9th.
Monthly Range of Temperature, 41.0.
Greatest Daily Range of Temperature, 27.0 on the 28th.
Least Daily Range of Temperature, 6.0 on the 16th.
Mean Daily Range of Temperature, 17.2.
Mean Daily Dew-point, 61.4.
Mean Daily Relative Humidity, 69.6.
Prevailing Direction of Wind, S.W.
Total Movement of Wind, 6,974 Miles.
Highest Velocity of Wind and Direction, 33 miles W. on the 13th.
Number of Foggy Days, 0.
Number of Clear Days, 11.
Number of Fair Days, 12.
Number of Cloudy Days, 8.
Total Number of Days on which Rain or Snow fell, 11.
Depth of unmelted Snow on ground at end of month, 0.
Dates of Auroras, 7th.
Dates of Solar Halos, 6th.
Dates of Lunar Halos, 22d, 23d.
Thunder storm, 3d, 14th, 21st, 25th, 29th, 30th. Dates of Frosts, 0.
Mean Max. Temp., 82.3. Mean Min. Temp., 65.1.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	71	1871	3.24 In.
1872	75	1872	4.00
1873	73	1873	3.84
1874	73	1874	3.47
1875	71	1875	3.93
1876	74	1876	5.86
1877	70	1877	2.87
1878	73	1878	4.58
1879	70	1879	3.09
1880	70	1880	6.86
1881	68	1881	2.96
1882	72	1882	3.91
1883	71	1883	2.73
1884	68	1884	4.25
1885	71	1885	1.44
1886	71	1886	1.81
1887	73	1887	3.59
1888	68	1888	1.79
1889	69	1889	5.80
1890	71	1890	1.93
1891	69	1891	3.73
1892	73	1892	2.56
1893	71	1893	1.72
1894	74	1894	3.09

Average temperature for 24 years, 71.0.

Average precipitation for 24 years, 3.44.

*T indicates trace of precipitation.

3461.9 X

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of August, 1894.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of August, 1894, ... 1022

Population estimated at 501,107. Rate per 1,000 inhabitants, 24.77

Total number	1022
SEX.	
Males	507
Females	515
CONDITION.	
Married	236
Single	684
Widows	80
Widowers	18
Unknown	4
COLOR.	
White	995
Colored	27
Total deaths of children: Under 1 year	335
Total deaths of children: Under 2 years	399
Total deaths of children: Under 5 years	468
Diarrhœal diseases: Under 1 year	141
Diarrhœal diseases: Under 2 years	167
Diarrhœal diseases: Under 5 years	174
Diarrhœal diseases: All ages	203

NATIVITY.	
United States	736
Ireland	160
England	12
Scotland	12
Germany	13
British America	51
Italy	9
Other Countries	21
Unknown	8
PARENTAGE.	
United States	229
Irish	328
English	21
Scotch	17
German	32
British American	47
Italian	32
Other Countries	110
Mixed	114
Unknown	92
Still-births during the month	45

Total Deaths with Principal Causes for the month

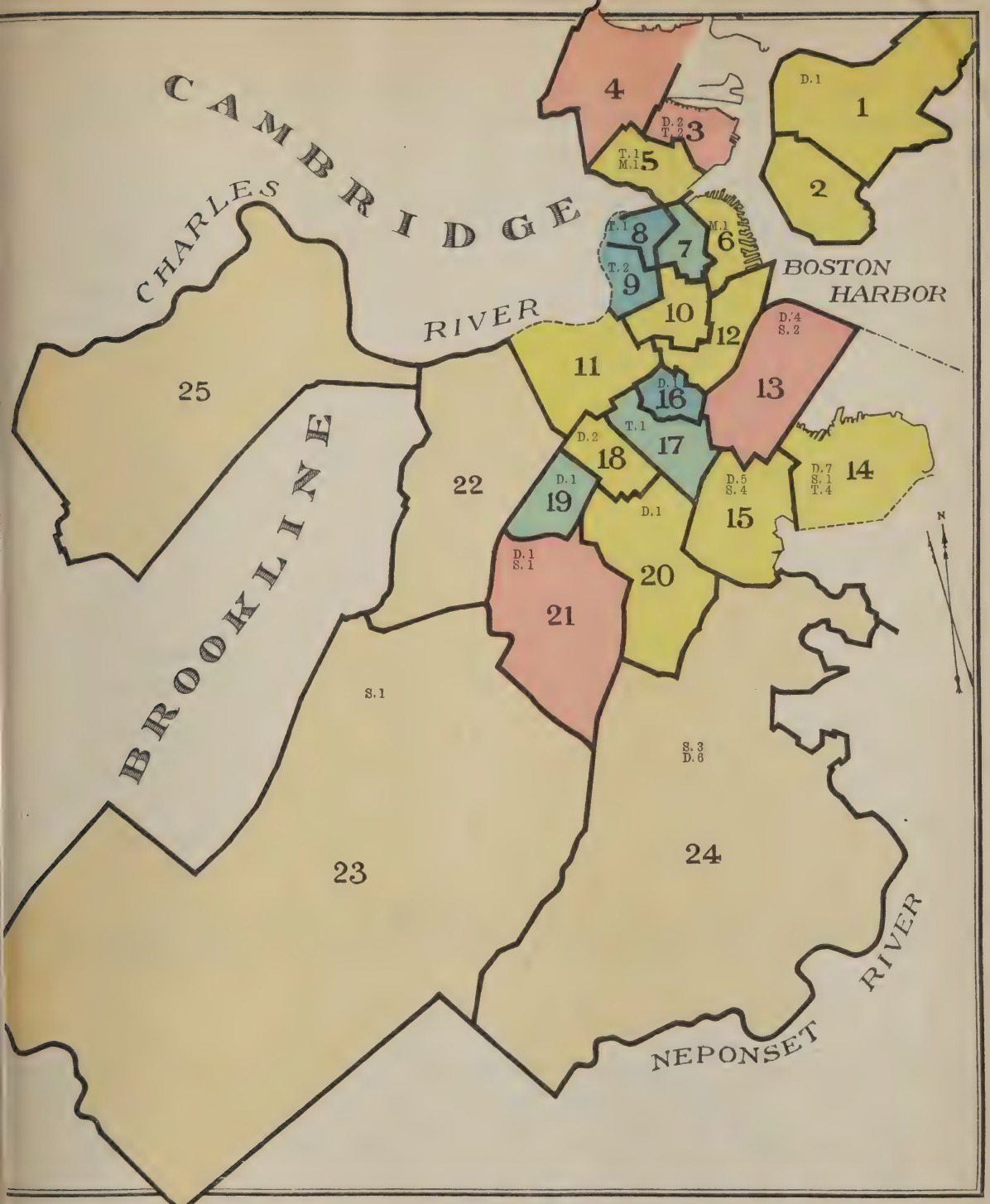
CAUSES OF DEATH.	Total Mortality for August, 1894.	Total Mortality for August, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	2	6												1	1							2	
Croup	5	6				1	3	1		5												1	4
Carbuncle																							
Cholera Morbus	11	7		1			1	1	1	4	1	1				1	2	2				6	5
Cholera Infantum	160	177	30	38	64	23	1		2	158	1	1										90	70
Cerebro-spinal Meningitis	4				1					1		2		1								2	2
Congestive Fever																							
Diarrhœa	20	19	4		2	3				9						2	1	2	4	2		7	13
Dysentery	12	7		1	1		1			3	1					2	3	1	2			7	5
Diphtheria	60	28			1	9	8	13	5	36	21	2			1							29	31
Erysipelas																							
Intermittent Fever	1	3												1									1
Influenza																							
Measles	2	1				2				2												1	1
Purpura																							
Puerperal Fever	1	3											1										1
Pyæmia	2											1		1								1	1
Remittent Fever																							
Rheumatism																							
Scarlatina	16	12				2	3	2	2	9	6		1									7	9
Small Pox																							
Syphilis (Congenital)	5		1	1	2			1		5												3	2
Syphilis	1	1											1									1	
Septicæmia	2	4					1	1		2												1	1
Tonsillitis																							
Typhoid Fever	18	15									1	1	9	4	2	1						10	8
Typhus Fever																							
Whooping Cough	17	8	2	2	8	3	1			16	1											8	9
Yellow Fever																							
Other Zymotic Diseases																							
II. CONSTITUTIONAL.																							
Cancer	29	36												2	8	8	5	3	3			10	19
Hydrocephalus and Tuberc. Meningitis	11	15	1	1	4		2	2		10		1										6	5
Marasmus, Scrofula and Tabes Mesenterica	56	45	27	11	14		1			53					2	1						29	27
Phthisis Pulmonalis	111	113	1	1	1					3		8	35	30	17	7	7	3		1		49	62
Other Constitutional Diseases	15	21	1	1		1	1			4			4	3	2	1	1					7	8

SANITARY STATISTICS OF BOSTON, MASS.

AUGUST, 1894.

STREET GRADES BY WARDS.		
WARDS.	HIGHEST STREET GRADE.	LOWEST STREET GRADE.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37 Square miles.
" " " Acres, 23,707.
Miles of Streets, 558; paved 71.25; macadamized, 204.56; gravel, etc., 282.19.
Area of Parks 1,669 acres; Public Grounds 143 acres.
Number of Dwellings, (including tenement houses), 56,809.
" " Tenement Houses (three or more families), 10,763.
Daily Consumption of Water, 44,500,000 gallons.
Daily Capacity of Water Supply, 60,000,000 "
Storage Reservoirs, 7.
Reservoir Capacity, 5.000,000,000 gallons.



Symbols:

D — Diphtheria.
S — Scarlatina.
T — Typhoid Fever.
M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 29. S. — 4. T. — 7. M — .

Under 20 inhabitants to a square acre.
From 33 to 49 " " "
" 52 to 80 " " "
" 111 to 123 " " "
" 151 to 213 " " "

# of August, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for August, 1894.	Total Mortality for August, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	32	25											2		4	9	13	4				15	17
Bright's Disease	13	12										1	1	2	2	6	1					7	6
Bronchitis	22	28	3		1	2				6	3		2		1	3	1	5		1		15	7
Heart Disease	50	58							1	1	1	7	4	6	4	9	11	4	2	1		24	26
Meningitis	18	35	3	1	1	3	3	2		13		1	3	1								8	10
Nephritis	15	14	1			1				2				5		4	3	1				5	10
Pleurisy	2													1		1						2	
Pneumonia	31	30	3	2	1	3	2			11			4	5	2	4	3	1	1			13	18
Other Local Diseases	184	192	25	15	15	10	1	2	1	69	1	7	14	21	20	19	18	14	1			92	92
IV. DEVELOPMENTAL.																							
Cyanosis		2																					
Inanition	5	16	5							5												5	
Old Age	12	32															2	5	5			3	9
Premature Birth	25	20	23	2						25												10	15
Puerp'l Diseases (not including Puerp'l Fever)	2	8											1	1									2
Other Developmental Diseases	15	19	10	1						11		1			1		1		1			8	7
V. VIOLENT.																							
Accidental	26	40			1	1	1	2		5	4	2	3	1	4	3	1	2	1			18	8
Homicidal	1	2											1									1	
Suicidal	5	6												1	3	1						3	2
Other Violent Causes	2	2											2										2
Unknown Causes	1	1													1							1	
Total from all Causes	1022	1069	140	78	117	64	30	27	12	468	41	36	88	87	75	82	73	47	20	5		507	515
Total from Zymotic Diseases	339	297	37	43	79	43	19	19	10	250	32	8	12	8	4	6	6	5	6	2		176	163
Including Tubercular Diseases	489	440																					
Total from Constitutional Diseases	222	230	30	14	19	1	4	2		70		9	39	35	29	17	13	6	3	1		101	121
" " Local do.	367	394	35	18	18	19	6	4	2	102	5	16	30	41	33	55	50	29	4	2		181	186
" " Developmental do.	59	97	38	3						41		1	1	1	1		3	5	6			26	33
" " Violent Causes	34	50			1	1	1	2		5	4	2	6	2	7	4	1	2	1			22	12

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of August, 1894, and for the corresponding month in 1893.

CASES REPORTED DURING AUGUST, 1894.	City.	Quarantine.
Diphtheria	155	....
Measles	19	....
Small Pox	....	....
Scarlatina	135	....
Typhoid Fever	99	....
Typhus Fever	....	....
Yellow Fever	....	....

CASES REPORTED DURING AUGUST, 1893.	City.	Quarantine.
Diphtheria	104	....
Measles	74	....
Small Pox	....	....
Scarlatina	141	1
Typhoid Fever	89	....
Typhus Fever	....	....
Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of August, 1894, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	30.04	68	61	S.E.	.00
2	30.01	70	86	E.	.00
3	29.84	73	88	S.E.	.11
4	29.97	69	66	W.	.04
5	30.12	69	58	W.	.00
6	30.13	72	58	W.	.00
7	30.03	75	58	W.	.00
8	29.92	78	67	S.W.	.00
9	29.91	72	87	S.W.	.51
10	30.08	66	56	N.W.	.02
11	30.19	61	56	E.	.00
12	30.15	64	72	S.W.	.00
13	30.02	63	92	E.	.20
14	30.10	65	92	E.	.05
15	29.91	70	87	S.W.	T
16	29.84	69	70	N.W.	.00
17	30.07	62	68	E.	.00
18	30.04	70	82	S.W.	.00
19	29.95	75	78	S.W.	.00
20	29.86	70	91	S.W.	2.10
21	29.98	61	54	N.W.	.00
22	30.06	61	54	W.	.00
23	30.10	74	62	W.	.00
24	30.05	78	64	S.W.	.00
25	29.96	78	74	S.W.	.00
26	30.02	66	76	E.	.00
27	30.13	58	77	E.	.00
28	30.02	63	84	W.	.00
29	30.06	60	74	S.E.	.00
30	29.93	60	92	E., S.E.	T
31	29.94	68	71	W.	.00
TOTALS	—	—	—	—	3.03
MEANS	30.02	68	73	S.W.	.097

GENERAL ITEMS.

Mean Barometer, 30.02.
Highest Barometer, 30.20, on the 11th.
Lowest Barometer, 29.79, on the 9th.
Monthly Range of Barometer, 3.97.
Mean Temperature, 68.0.
Highest Temperature, 90.0, on the 8th.
Lowest Temperature, — 47, on the 22d.
Monthly Range of Temperature, 43.0.
Greatest Daily Range of Temperature, 28.0 on the 22d.
Least Daily Range of Temperature, 4.0 on the 13th.
Mean Daily Range of Temperature, 16.0.
Mean Daily Dew-point, 57.0.
Mean Daily Relative Humidity, 73.0.
Prevailing Direction of Wind, S.W.
Total Movement of Wind, 7,038 Miles.
Highest Velocity of Wind and Direction, 26 miles S.W. on the 25th.
Number of Foggy Days, 1.
Number of Clear Days, 10.
Number of Fair Days, 10.
Number of Cloudy Days, 11.
Total Number of Days on which Rain or Snow fell, 9.
Depth of unmelted Snow on ground at end of month, 0.
Dates of Auroras, 0.
Dates of Solar Halos, 0.
Dates of Lunar Halos, 0.
Thunder storm, 9th, 20th.
Dates of Frosts, 0.
Mean Max. Temp., 76.0.
Mean Min. Temp., 60.0.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	72	1871	3.08 In.
1872	72	1872	10.68
1873	69	1873	6.21
1874	68	1874	6.67
1875	71	1875	3.50
1876	70	1876	1.23
1877	71	1877	4.49
1878	68	1878	7.66
1879	68	1879	6.71
1880	69	1880	2.90
1881	70	1881	1.23
1882	70	1882	1.46
1883	68	1883	0.39
1884	68	1884	5.01
1885	67	1885	7.64
1886	68	1886	3.64
1887	67	1887	3.05
1888	71	1888	6.53
1889	67	1889	3.95
1890	69	1890	2.70
1891	70	1891	3.87
1892	70	1892	4.87
1893	70	1893	6.46
1894	68	1894	3.03

Average temperature for 24 years, 69.0.

Average precipitation for 24 years, 4.52.

*T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of September, 1894.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of September, 1894, ... 1010

Population estimated at 501,107. Rate per 1,000 inhabitants, 24.18

Total number	1010
SEX.	
Males	532
Females	478
CONDITION.	
Married	257
Single	655
Widows	69
Widowers	23
Unknown	6
COLOR.	
White	982
Colored	28

Total deaths of children	Under 1 year	299
	Under 2 years	389
	Under 5 years	454
Diarrhœal diseases	Under 1 year	79
	Under 2 years	100
	Under 5 years	102
	All ages	110

NATIVITY.	
United States	737
Ireland	148
England	22
Scotland	6
Germany	10
British America	53
Italy	6
Other Countries	18
Unknown	10
PARENTAGE.	
United States	230
Irish	334
English	32
Scotch	12
German	26
British American	63
Italian	24
Other Countries	104
Mixed	116
Unknown	69
Still-births during the month	52

Total Deaths with Principal Causes for the month

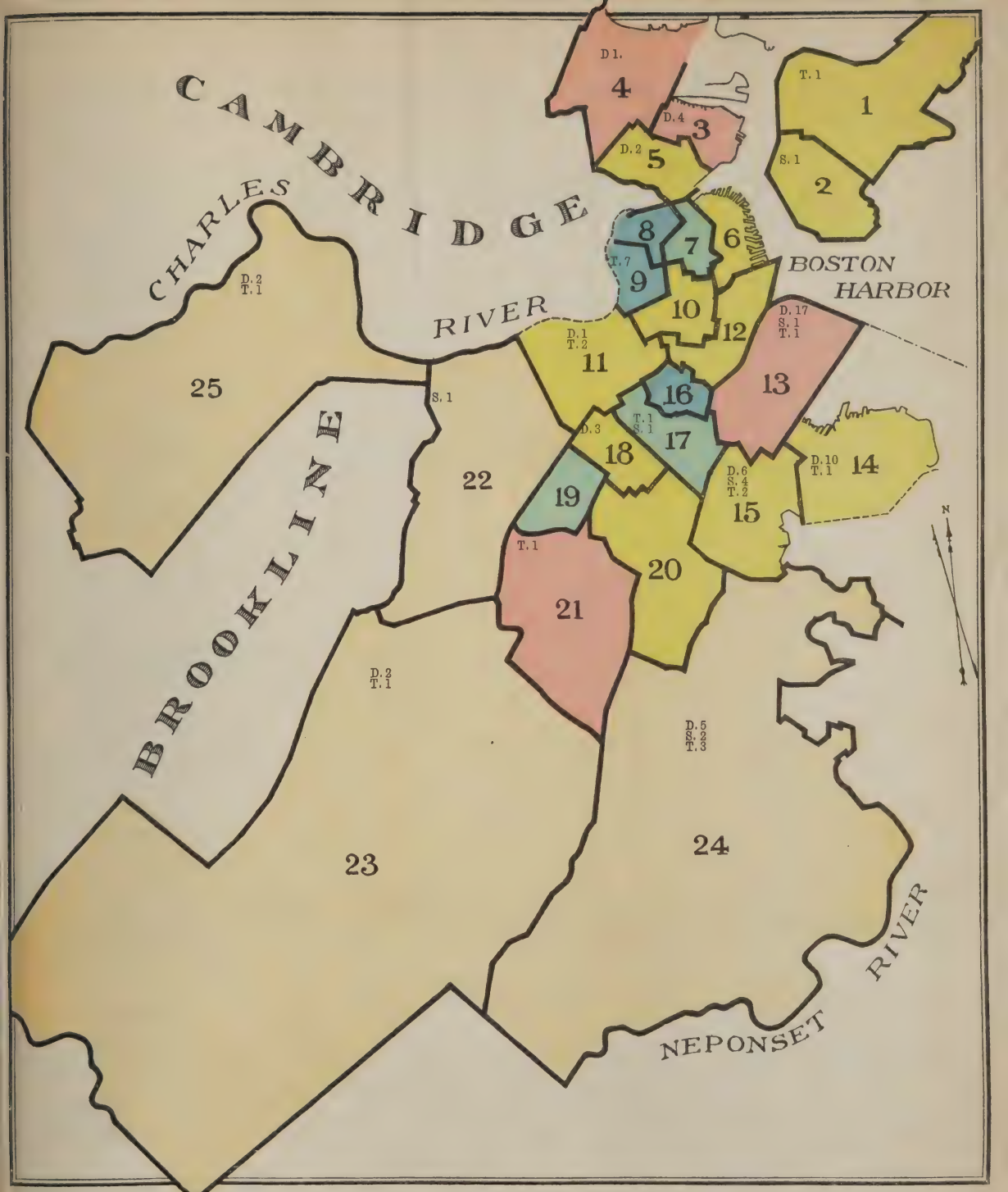
CAUSES OF DEATH.	Total Mortality for September, 1894.	Total Mortality for September, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	4	3											2	2								2	2
Croup	1	1				1				1												1	
Carbuncle																							
Cholera Morbus	4	2		1		1				2					1	1						2	2
Cholera Infantum	89	106	15	28	28	17		1		89												41	48
Cerebro-spinal Meningitis	1																1					1	
Congestive Fever																							
Diarrhœa	11	18	2	2	2	2	1			9					2							6	5
Dysentery	6	13			1	1				2			1				1	2				3	3
Diphtheria	76	31	1		6	15	17	7	6	52	20	1	1	1	1							41	35
Erysipelas		2																					
Intermittent Fever																							
Influenza																							
Measles		2																					
Purpura	2	1			1					1				1								1	1
Puerperal Fever	1	2											1										1
Pyæmia		2																					
Remittent Fever	1													1									1
Rheumatism	1	5													1							1	
Scarlatina	15	12				3	3	1	1	8	7											8	7
Small Pox																							
Syphilis (Congenital)	3	1	2	1						3												3	
Syphilis	2												1		1							2	
Septicæmia	4	1				1				1		1	1			1						3	1
Tonsillitis																							
Typhoid Fever	30	14						1	1	2		2	15	8	1	1		1				22	8
Typhus Fever																							
Whooping Cough	15	6	5	2	3	5				15												9	6
Yellow Fever																							
Other Zymotic Diseases																							
II. CONSTITUTIONAL.																							
Cancer	19	27												2	6	6	4	1				3	16
Hydrocephalus and Tuberc. Meningitis	22	26		6	3	4	2		2	17	1	3	1									12	10
Marasmus, Scrofula and Tabes Mesenterica	52	58	25	9	6	6	2			48						1	1	1	1			23	29
Phthisis Pulmonalis	132	118		1		2	2			5	1	15	45	34	19	8	5					69	63
Other Constitutional Diseases	25	13	1	1	4	2				8	1	1	6	5	1	1	1	1				14	11

SANITARY STATISTICS OF BOSTON, MASS.

SEPTEMBER, 1894.

STREET GRADES BY WARDS.		
WARDS.	HIGHEST STREET GRADE.	LOWEST STREET GRADE.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37 Square miles.
" " " Acres, 23,707.
Miles of Streets, 558; paved 71.25; macadamized, 204.56; gravel, etc., 282.19.
Area of Parks 1,669 acres; Public Grounds 143 acres.
Number of Dwellings, (including tenement houses), 56,809.
" " Tenement Houses (three or more families), 10,763.
Daily Consumption of Water, 44,500,000 gallons.
Daily Capacity of Water Supply, 60,000,000 "
Storage Reservoirs, 7.
Reservoir Capacity, 5.000,000,000 gallons.



Symbols:

D — Diphtheria.

S — Scarlatina.

T — Typhoid Fever.

M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 23. S. — 5. T. — 9. M — . }

* Including deaths at Mass. Gen. Hospital.

Under 20 inhabitants to a square acre.

From 33 to 49 " " "

" 52 to 80 " " "

" 111 to 123 " " "

" 151 to 213 " " "

# of September, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for September, 1894.	Total Mortality for September, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	23	27											1	2	3		7	4	6			13	10
Bright's Disease	5	13												1		2	2					2	3
Bronchitis	19	22	2	3	5	2	1			13			1		1	1	1	1	1			6	13
Heart Disease	53	49	3	1						4		1	6	9	3	9	14	6	1			32	21
Meningitis	26	32	2	2	5	7	1	1	2	20	1	1		1		3						17	9
Nephritis	18	15	1							1		2	2	3	2	1	3	4				9	9
Pleurisy																							
Pneumonia	48	46	6	3	6	8	1	2		26			1	3	4	7	4	2		1		22	26
Other Local Diseases	174	161	26	12	19	12	2	1	1	73		2	18	13	14	9	23	18	4			88	86
IV. DEVELOPMENTAL.																							
Cyanosis		1																					
Inanition	8	10	5	1	2					8												4	4
Old Age	23	15															3	8	8	4		8	15
Premature Birth	18	17	18							18												11	7
Puerp'l Diseases (not including Puerp'l Fever)	4	2											2	2									4
Other Developmental Diseases	21	24	16	1						17			1			1	2					10	11
V. VIOLENT.																							
Accidental	42	36	1		1	1		4	2	9	2	1	8	4	5	9	4					35	7
Homicidal	2														2							2	
Suicidal	4	7											2	2								3	1
Other Violent Causes	1	2												1									1
Unknown Causes	5		2							2			1	2								3	2
Total from all Causes	1010	943	133	74	92	90	32	18	15	454	33	30	117	97	67	61	76	49	21	5		532	478
Total from Zymotic Diseases	266	222	25	34	41	46	21	10	8	185	27	4	22	13	7	3	2	3				146	120
Including Tubercular Diseases	467	411																					
Total from Constitutional Diseases	250	242	26	17	13	14	6		2	78	3	19	52	41	26	16	11	3	1			121	129
" " Local do.	366	365	40	21	35	29	5	4	3	137	1	6	29	32	27	32	54	35	12	1		189	177
" " Developmental do.	74	69	39	2	2					43			3	2		1	5	8	8	4		33	41
" " Violent Causes	49	45	1		1	1		4	2	9	2	1	10	7	7	9	4					40	9

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of September, 1894, and for the corresponding month in 1893.

CASES REPORTED DURING SEPTEMBER, 1894.	City.	Quarantine.	CASES REPORTED DURING SEPTEMBER, 1893.	City.	Quarantine.
Diphtheria	250	....	Diphtheria	91	....
Measles	18	....	Measles	27	1
Small Pox	....	....	Small Pox	....	....
Scarlatina	125	....	Scarlatina	179	....
Typhoid Fever	196	..	Typhoid Fever	164	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of September, 1894, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	30.12	66	67	N.W.	.00
2	30.14	72	58	W.	.00
3	30.33	60	58	E.	.00
4	30.19	66	79	S.W.	.00
5	30.04	75	79	S.W.	.00
6	30.10	72	61	S.W.	.09
7	30.09	72	72	W.	.00
8	30.10	64	88	N.E.	.25
9	29.94	76	80	S.W.	T
10	29.74	76	81	S.W.	.00
11	30.05	68	44	N.W.	T
12	30.42	61	65	W.	.00
13	30.56	58	61	E., N.W.	.00
14	30.43	62	80	S.W.	T
15	30.16	66	97	E.	.09
16	30.12	62	100	N.E.	.00
17	30.10	62	97	N.E.	.12
18	30.08	64	96	E.	.00
19	30.04	60	100	E.	.25
20	29.76	70	96	S.W.	1.34
21	29.96	70	92	N.W.	.00
22	30.10	70	84	W.	.00
23	29.94	72	78	S.W.	.00
24	30.00	64	57	W.	.00
25	30.28	57	60	N.W.	.00
26	30.51	48	58	E., S.E.	.00
27	30.24	54	79	N.E.	.00
28	30.15	58	94	N.E.	.00
29	30.08	60	86	E.	T
30	30.06	56	84	N.E.	T
TOTALS	—	—	—	—	2.14
MEANS	30.12	64.8	77.7	S.W.	.071

GENERAL ITEMS.

Mean Barometer, 30.12.
Highest Barometer, 30.60, on the 13th.
Lowest Barometer, 29.61, on the 10th.
Monthly Range of Barometer, 0.99.
Mean Temperature, 64.8.
Highest Temperature, 88.0, on the 9th.
Lowest Temperature, — 42, on the 26th.
Monthly Range of Temperature, 46.0.
Greatest Daily Range of Temperature, 24.0 on the 9th.
Least Daily Range of Temperature, 3.0 on the 19th.
Mean Daily Range of Temperature, 14.4.
Mean Daily Dew-point, 55.8.
Mean Daily Relative Humidity, 77.7.
Prevailing Direction of Wind, S.W. 21%
Total Movement of Wind, 6,640 Miles.
Highest Velocity of Wind and Direction, 32 miles N.E. on the 30th.
Number of Foggy Days, 4.
Number of Clear Days, 11.
Number of Fair Days, 8.
Number of Cloudy Days, 11.
Total Number of Days on which Rain or Snow fell, 6.
Depth of unmelted Snow on ground at end of month, 0.
Dates of Auroras, 27th.
Dates of Solar Halos, 13th.
Dates of Lunar Halos, 12th.
Thunder storm, 0. Dates of Frosts, 0.
Mean Max. Temp., 72.0. Mean Min. Temp., 57.7.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	59	1871	1.30 In.
1872	64	1872	6.04
1873	62	1873	2.91
1874	64	1874	2.05
1875	59	1875	3.12
1876	59	1876	3.84
1877	64	1877	3.60
1878	63	1878	3.47
1879	61	1879	1.84
1880	64	1880	2.36
1881	66	1881	2.50
1882	63	1882	10.93
1883	59	1883	1.50
1884	66	1884	0.31
1885	60	1885	1.70
1886	63	1886	2.73
1887	60	1887	0.97
1888	60	1888	6.77
1889	63	1889	3.19
1890	63	1890	5.04
1891	67	1891	2.29
1892	62	1892	1.90
1893	60	1893	1.59
1894	65	1894	2.14

Average temperature for 24 years, 62.0. Average precipitation for 24 years, 2.96. *T indicates trace of precipitation.

3761.9

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of October, 1894.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of October, 1894, ... 925

Population estimated at 501,107. Rate per 1,000 inhabitants, 22.15

Total number	925
SEX.	
Males	495
Females	430
CONDITION.	
Married	239
Single	571
Widows	73
Widowers	38
Unknown	4
COLOR.	
White	903
Colored	22

Total deaths of children	Under 1 year	209
	Under 2 years	258
	Under 5 years	340
Diarrhœal diseases	Under 1 year	36
	Under 2 years	41
	Under 5 years	41
	All ages	45

NATIVITY.	
United States	634
Ireland	154
England	13
Scotland	6
Germany	16
British America	56
Italy	13
Other Countries	21
Unknown	12
PARENTAGE.	
United States	215
Irish	292
English	14
Scotch	14
German	33
British American	61
Italian	20
Other Countries	81
Mixed	103
Unknown	92
Still-births during the month	72

Total Deaths with Principal Causes for the month

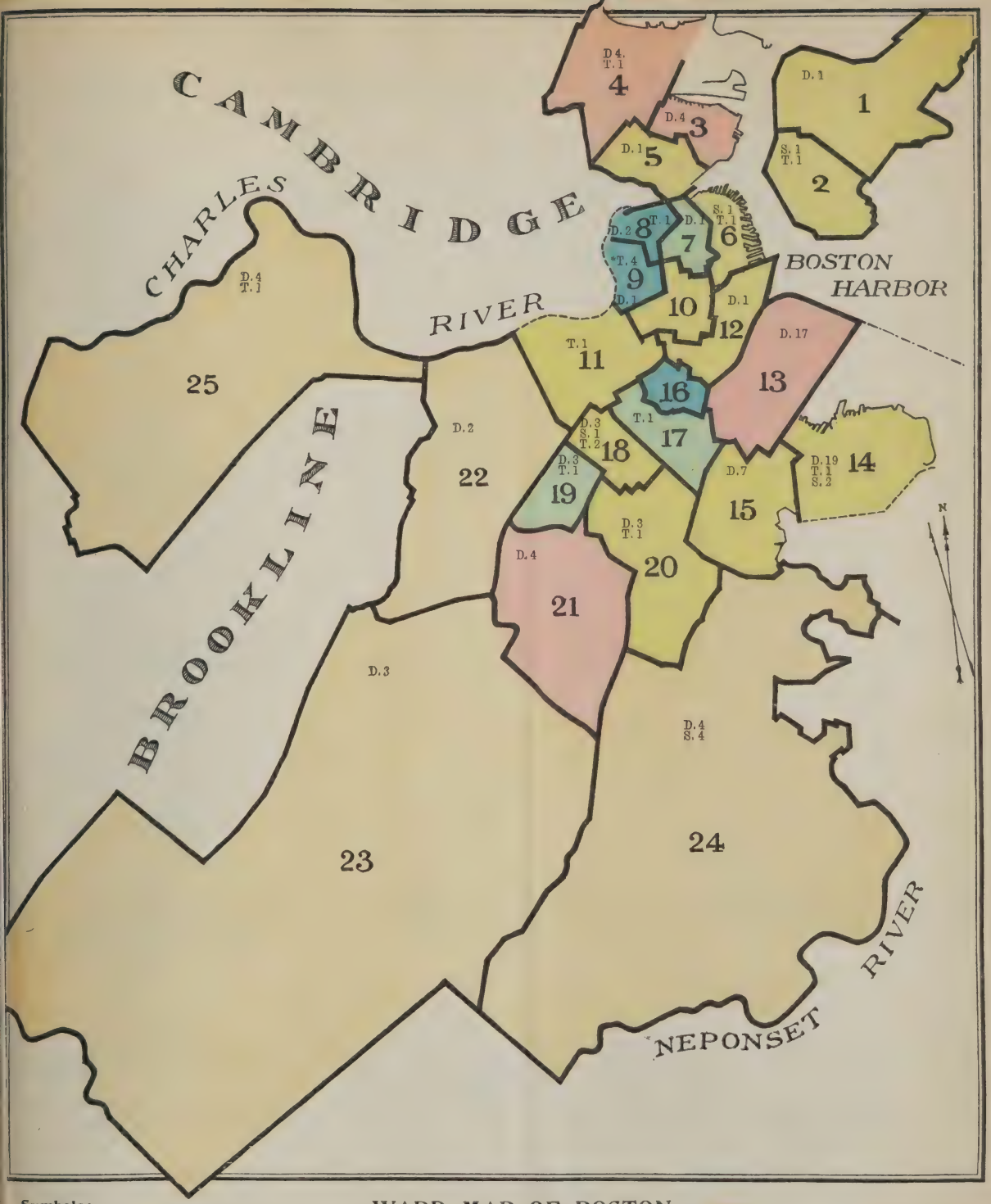
CAUSES OF DEATH.	Total Mortality for October, 1894.	Total Mortality for October, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	8	7											3	1		4						5	3
Croup	7	5				3	1	2		6	1											5	2
Carbuncle	1	1												1								1	
Cholera Morbus	1	1																1					1
Cholera Infantum	36	30	9	10	14	3				36												16	20
Cerebro-spinal Meningitis	4	1										1	1	2								4	
Congestive Fever																							
Diarrhœa	6	11	1		1	2				4		1					1					4	2
Dysentery	2	7			1					1					1								2
Diphtheria	109	72		1	2	8	16	20	18	65	35	8		1								52	57
Erysipelas	2	2												2								2	
Intermittent Fever		1																					
Influenza		1																					
Measles		2																					
Purpura	1												1									1	
Puerperal Fever	2	1										1			1								2
Pyæmia		2																					
Remittent Fever		1																					
Rheumatism		3																					
Scarlatina	12	24				3	1	1	3	8	4											7	5
Small Pox																							
Syphilis (Congenital)	1		1							1													1
Syphilis		1																					
Septicæmia	3	4	1							1				1	1							1	2
Tonsillitis																							
Typhoid Fever	27	26										7	9	6	4			1				14	13
Typhus Fever																							
Whooping Cough	4	4	1	1		2				4												2	2
Yellow Fever																							
Other Zymotic Diseases																							
II. CONSTITUTIONAL.																							
Cancer	31	33											1	1	8	7	9	4	1			5	26
Hydrocephalus and Tuberc. Meningitis	9	20	1	2	3		1			7			1		1							6	3
Marasmus, Scrofula and Tabes Mesenterica	50	54	19	11	15	3				48							1	1				38	12
Phthisis Pulmonalis	91	115				1				1		11	35	14	22	5	3					48	43
Other Constitutional Diseases	25	14			3	4			1	8		3	4	4	3	2		1				16	9

SANITARY STATISTICS OF BOSTON, MASS.

OCTOBER, 1894.

STREET GRADES BY WARDS.		
Wards.	Highest Street Grade.	Lowest Street Grade.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37 Square miles.
" " " Acres, 23,707.
Miles of Streets, 558; paved 71.25; macadamized, 204.56; gravel, etc., 282.19.
Area of Parks 1,669 acres; Public Grounds 143 acres.
Number of Dwellings, (including tenement houses), 56,809.
" " Tenement Houses (three or more families), 10,763.
Daily Consumption of Water, 44,500,000 gallons.
Daily Capacity of Water Supply, 60,000,000 "
Storage Reservoirs, 7.
Reservoir Capacity, 5,000,000,000 gallons.



Symbols:

D — Diphtheria.

S — Scarlatina.

T — Typhoid Fever.

M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 25. S. — 3. T. — 11. M — .

* Including deaths at Mass. Gen. Hospital.

- Under 20 inhabitants to a square acre.
- From 33 to 49 " " "
- " 52 to 80 " " "
- " 111 to 123 " " "
- " 151 to 213 " " "

# of October, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for October, 1894.	Total Mortality for October, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	30	35		1						1			1	3		10	11	3	1			12	18
Bright's Disease	15	17											2	2	4	3	3	1				9	6
Bronchitis	37	35	3	9	5	6	3			26			1	2	1		3	2	1	1		21	16
Heart Disease	62	62	1							1	2	5	7	12	4	12	11	6	2			37	25
Meningitis	11	25	2			2	1		1	6	2	1					1	1				7	4
Nephritis	21	14						1		1	2	3	3	2	4		2	4				11	10
Pleurisy																							
Pneumonia	55	68	1	2	4	7	3	1	1	19	1	2	5	7	5	6	2	3	4	1		22	33
Other Local Diseases	147	133	16	7	16	5	3	1		48	1	4	9	18	17	17	16	9	8			73	74
IV. DEVELOPMENTAL.																							
Cyanosis		1																					
Inanition	8	9	7	1						8												5	3
Old Age	21	28														1	3	8	8	1		9	12
Premature Birth	17	19	15	1	1					17												13	4
Puerp'l Diseases (not including Puerp'l Fever)		1																					
Other Developmental Diseases	19	35	16		2					18							1					12	7
V. VIOLENT.																							
Accidental	38	30	1				2	1		4	2	1	7	12	3	4	4			1		32	6
Homicidal	1													1								1	
Suicidal	3	10											1		1		1					2	1
Other Violent Causes	4	2										1			2			1				1	3
Unknown Causes	4		1							1			1		1			1				1	3
Total from all Causes	925	967	96	46	67	49	31	27	24	340	50	49	92	92	83	71	72	47	25	4		495	430
Total from Zymotic Diseases Including Tubercular Diseases	226 / 554	207 / 353	13	12	18	21	18	23	21	126	49	18	14	14	7	4	1	2				114	112
Total from Constitutional Diseases	206	236	20	13	21	8	1		1	64		14	41	19	34	14	13	6	1			113	93
" " Local do.	378	389	23	19	25	20	10	3	2	102	8	15	28	46	35	48	49	29	16	2		192	186
" " Developmental do.	65	93	38	2	3					43						1	4	8	8	1		39	26
" " Violent Causes	46	42	1				2	1		4	2	2	8	13	6	4	5	1		1		36	10

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of October, 1894, and for the corresponding month in 1893.

CASES REPORTED DURING OCTOBER, 1894.	City.	Quarantine.
Diphtheria	458	....
Measles	58	....
Small Pox	....	...
Scarlatina	182	...
Typhoid Fever	197	..
Typhus Fever	....	....
Yellow Fever	....	....

CASES REPORTED DURING OCTOBER, 1893.	City.	Quarantine.
Diphtheria	196	....
Measles	24	....
Small Pox	....	1
Scarlatina	308	....
Typhoid Fever	148	....
Typhus Fever	....	...
Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of October, 1894, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	29.92	54	80	N.	T
2	29.93	54	59	W.	.00
3	29.99	58	75	E.	T
4	29.82	62	90	S.W.	.20
5	29.70	64	70	S.W.	.22
6	30.00	56	60	W.	T
7	30.25	54	58	N.W.	.00
8	30.08	58	76	S.	.00
9	29.80	60	68	N.W.	.28
10	29.57	55	84	E.	1.25
11	29.87	54	68	W.	.00
12	30.26	52	54	W.	.00
13	29.96	56	86	S.	.70
14	29.65	54	76	S.W.	.42
15	29.98	44	52	W.	.00
16	29.80	49	64	S.W.	.00
17	29.51	58	52	W.	T
18	29.96	51	56	W.	.00
19	30.17	55	72	S.W.	.00
20	30.11	64	77	S.W.	.00
21	30.26	52	91	N.E.	T
22	30.38	50	86	N.E.	.00
23	30.38	48	76	N.E.	.00
24	30.30	50	84	N.E.	.00
25	30.14	48	88	N.E.	.33
26	29.88	50	92	N.E.	1.13
27	30.00	52	84	N.	T
28	30.13	52	78	E.	.00
29	30.09	52	76	N.E.	.00
30	30.22	48	90	N.E.	.04
31	29.81	56	95	E.	.54
TOTALS	—	—	—	—	5.11
MEANS	30.00	54	74.8	W.	.164

GENERAL ITEMS.

Mean Barometer, 30.00.
Highest Barometer, 30.40, on the 22d.
Lowest Barometer, 29.44, on the 17th.
Monthly Range of Barometer, 9.67.
Mean Temperature, 54.0.
Highest Temperature, 76.0, on the 20th.
Lowest Temperature, — 38, on the 16th.
Monthly Range of Temperature, 38.0.
Greatest Daily Range of Temperature, 26.0 on the 19th.
Least Daily Range of Temperature, 4.0 on the 25th, 26th.
Mean Daily Range of Temperature, 13.2.
Mean Daily Dew-point, 44.2.
Mean Daily Relative Humidity, 74.8.
Prevailing Direction of Wind, W. 27%
Total Movement of Wind, 8,881 Miles.
Highest Velocity of Wind and Direction, 49 miles E. on the 10th.
Number of Foggy Days, 1.
Number of Clear Days, 8.
Number of Fair Days, 9.
Number of Cloudy Days, 14.
Total Number of Days on which Rain or Snow fell, 0.
Depth of unmelted Snow on ground at end of month, 0.
Dates of Auroras, 0.
Dates of Solar Halos, 16th.
Dates of Lunar Halos, 9th, 15th.
Thunder storm, 0. Dates of Frosts, 8th, 11th, 12th, 16th.
Mean Max. Temp., 60.6. Mean Min. Temp., 47.4.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	54	1871	5.88 In.
1872	52	1872	4.85
1873	53	1873	5.33
1874	53	1874	1.39
1875	40	1875	4.99
1876	48	1876	1.66
1877	51	1877	8.84
1878	55	1878	6.76
1879	56	1879	0.91
1880	51	1880	3.15
1881	53	1881	2.84
1882	55	1882	2.29
1883	47	1883	6.40
1884	52	1884	3.17
1885	51	1885	5.71
1886	52	1886	3.27
1887	51	1887	2.53
1888	49	1888	3.58
1889	48	1889	3.31
1890	51	1890	5.63
1891	52	1891	5.56
1892	53	1892	2.31
1893	55	1893	2.94
1894	54	1894	5.11

Average mean temperature for 24 years, 52.0. Average mean precipitation for 24 years, 4.10. *T indicates trace of precipitation.

* 3761.9 x

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of November, 1894.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of November, 1894, ... 897

Population estimated at 501,107. Rate per 1,000 inhabitants, 21.47

Total number	897
SEX.	
Males	461
Females	436
CONDITION.	
Married	262
Single	512
Widows	76
Widowers	41
Unknown	6
COLOR.	
White	876
Colored	21
Total deaths of children: Under 1 year	142
Total deaths of children: Under 2 years	189
Total deaths of children: Under 5 years	279
Diarrhœal diseases: Under 1 year	8
Diarrhœal diseases: Under 2 years	8
Diarrhœal diseases: Under 5 years	9
Diarrhœal diseases: All ages	11

NATIVITY.	
United States	600
Ireland	146
England	26
Scotland	8
Germany	14
British America	61
Italy	15
Other Countries	20
Unknown	7
PARENTAGE.	
United States	197
Irish	327
English	27
Scotch	9
German	21
British American	57
Italian	27
Other Countries	73
Mixed	79
Unknown	80
Still-births during the month	65

Total Deaths with Principal Causes for the month

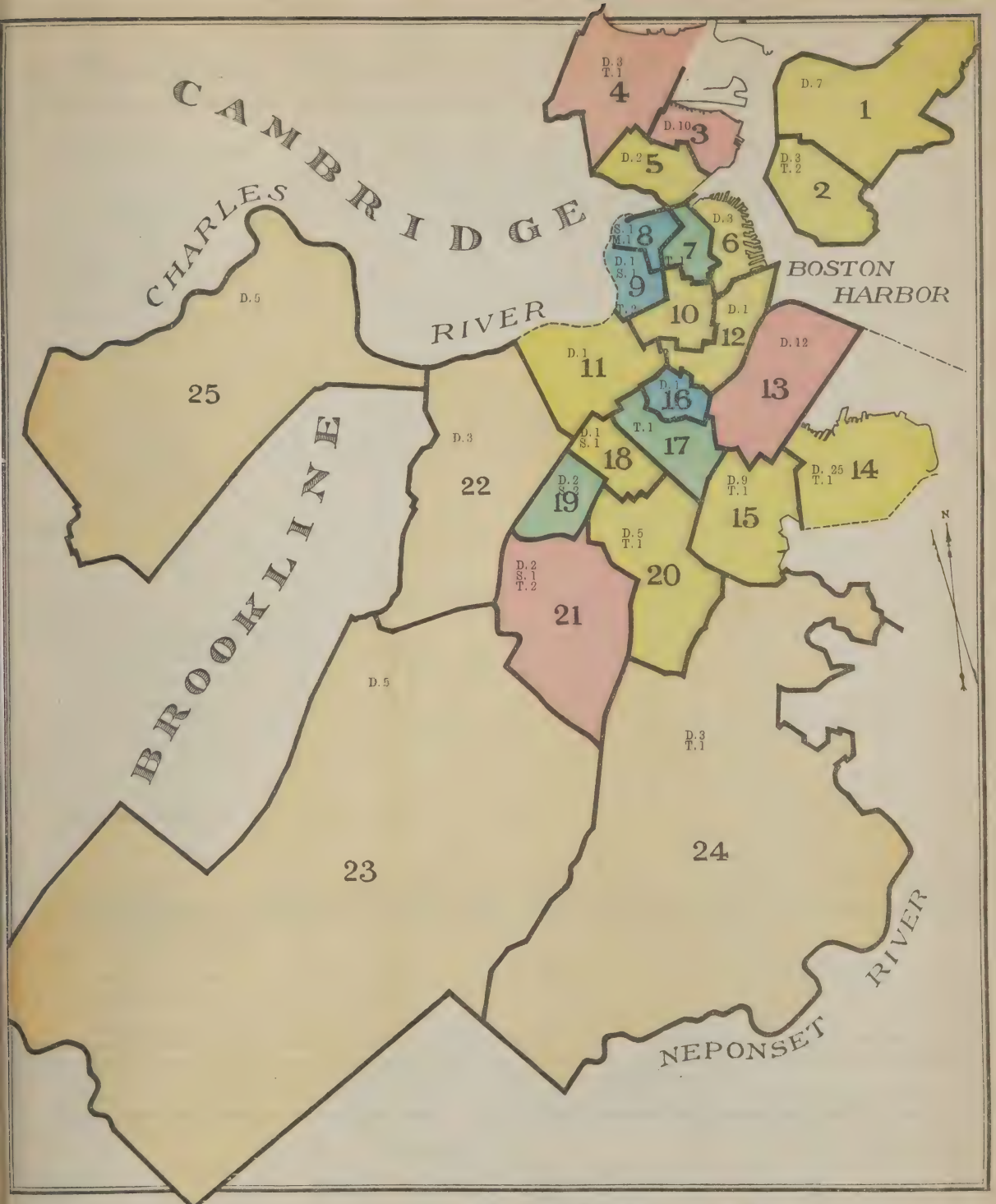
CAUSES OF DEATH.	Total Mortality for November, 1894.	Total Mortality for November, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	5	6												3		1			1			4	1
Croup	6	4				1	2	2		5	1											2	4
Carbuncle																							
Cholera Morbus	2	1					1			1						1						1	1
Cholera Infantum	7	9	5		2					7												3	4
Cerebro-spinal Meningitis	2	2		1		1				2												1	1
Congestive Fever																							
Diarrhœa	1	4	1							1													1
Dysentery	1	1													1								1
Diphtheria	126	58			5	15	23	24	16	83	33	7	2	1								65	61
Erysipelas	1	2												1									1
Intermittent Fever	1																	1					1
Influenza		3																					
Measles	1		1							1													1
Purpura	1				1					1													1
Puerperal Fever	1													1									1
Pyæmia																							
Remittent Fever																							
Rheumatism																							
Scarlatina	11	14				5		1	2	8	3											4	7
Small Pox																							
Syphilis (Congenital)		1																					
Syphilis																							
Septicæmia	3	3	1							1			1	1									3
Tonsillitis		1																					
Typhoid Fever	20	17										4	8	3	3		2					11	9
Typhus Fever																							
Whooping Cough	6	4	1	1	2	2				6												1	5
Yellow Fever																							
Other Zymotic Diseases	2	3												1	1							1	1
II. CONSTITUTIONAL.																							
Cancer	23	16											1	1	3	9	6	3				8	15
Hydrocephalus and Tuberc. Meningitis	6	16		2	2		1			5				1								2	4
Marasmus, Scrofula and Tabes Mesenterica	35	25	20	5	3	3	1			32						1	1			1		21	14
Phthisis Pulmonalis	108	103			2	1				3		11	38	28	12	8	3	2	2	1		60	48
Other Constitutional Diseases	18	9				2		1	1	4	1	5	3	1	2			1	1			11	7

SANITARY STATISTICS OF BOSTON, MASS.

NOVEMBER, 1894.

STREET GRADES BY WARDS.		
Wards.	Highest Street Grade.	Lowest Street Grade.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37 Square miles.
" " " Acres, 23,707.
Miles of Streets, 558; paved 71.25; macadamized, 204.56; gravel, etc., 282.19.
Area of Parks 1,669 acres; Public Grounds 143 acres.
Number of Dwellings, (including tenement houses), 56,809.
" " Tenement Houses (three or more families), 10,763.
Daily Consumption of Water, 44,500,000 gallons.
Daily Capacity of Water Supply, 60,000,000 "
Storage Reservoirs, 7.
Reservoir Capacity, 5,000,000,000 gallons.



Symbols:

D — Diphtheria.
S — Scarlatina.
T — Typhoid Fever.
M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 22. S. — 5. T. — 7. M — . }

* Including deaths at Mass. Gen. Hospital.

Under 20 inhabitants to a square acre.
From 33 to 49 " " "
" 52 to 80 " " "
" 111 to 123 " " "
" 151 to 213 " " "

# of November, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for November, 1894.	Total Mortality for November, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	24	25											1	4	1	7	5	3	3			10	14
Bright's Disease	7	10									1	1		1	1		1	1	1			3	4
Bronchitis	39	34	4	6	2	2	3		1	18	2		4	3	2	2	6	1	1			17	22
Heart Disease	77	58	2					1		3		6	10	10	13	10	15	5	5			39	38
Meningitis	15	19	3	1	1	3	2	1		11		1	1	1			1					8	7
Nephritis	29	23	2			1				3	1		5	4	3	5	6	2				18	11
Pleurisy																							
Pneumonia	85	103	3	7	6	7	3	1	1	28		2	11	11	8	7	10	4	4			56	29
Other Local Diseases	114	153	8	1	4	4	1			18		1	15	8	13	16	23	13	6	1		53	61
IV. DEVELOPMENTAL.																							
Cyanosis	2		2							2												1	1
Inanition	14	4	13							13							1					9	5
Old Age	22	22														1	1	5	13	2		7	15
Premature Birth	15	17	15							15												7	8
Puerp'l Diseases (not including Puerp'l Fever)	6	2											3	3									6
Other Developmental Diseases	9	30	4	1						5				1	1		2					3	6
V. VIOLENT.																							
Accidental	40	37			1				1	2	3	2	7	9	6	2	5	1	3			27	13
Homicidal	1	2													1							1	
Suicidal	7	7										1		2	3	1						5	2
Other Violent Causes	3	4										1				1		1				1	2
Unknown Causes	1	4	1							1												1	
Total from all Causes	897	856	86	25	31	47	37	31	22	279	45	42	110	99	74	72	88	43	40	5		461	436
Total from Zymotic Diseases	197	133	9	2	10	24	26	27	18	116	37	11	11	11	5	2	2	1	1			93	104
Including Tubercular Diseases	400	260																					
Total from Constitutional Diseases	190	169	20	7	7	6	2	1	1	44	1	16	42	31	17	18	10	6	3	2		102	88
" " Local do.	390	425	22	15	13	17	9	3	2	81	4	11	47	42	41	47	67	29	20	1		204	186
" " Developmental do.	68	75	34	1						35			3	4	1	1	4	5	13	2		27	41
" " Violent Causes	51	50			1				1	2	3	4	7	11	10	4	5	2	3			34	17

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of November, 1894, and for the corresponding month in 1893.

CASES REPORTED DURING NOVEMBER, 1894.	City.	Quarantine.
Diphtheria	564	....
Measles	164	....
Small Pox	....	....
Scarlatina	192	....
Typhoid Fever	123	..
Typhus Fever	....	....
Yellow Fever	....	....

CASES REPORTED DURING NOVEMBER, 1893.	City.	Quarantine.
Diphtheria	160	....
Measles	44	....
Small Pox	8	....
Scarlatina	283	....
Typhoid Fever	110	....
Typhus Fever	....	....
Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of November, 1894, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	30.07	52	67	S.W., W.	.00
2	30.26	54	71	W.	.00
3	29.75	58	74	S.	.46
4	29.88	50	58	W.	.00
5	29.64	45	84	N.E.	.60
6	29.66	33	84	N.W.	.90
7	30.00	32	60	W.	.00
8	30.12	30	79	N.	.29
9	30.00	32	96	N.	.05
10	29.83	38	80	S.W.	.29
11	29.94	34	65	W.	.00
12	30.26	30	64	W.	.00
13	30.23	34	76	S.E.	.01
14	29.86	38	86	W.	.13
15	30.02	42	58	S.W., W.	.00
16	29.94	52	72	S.W.	.00
17	29.95	48	68	N.W.	.09
18	30.18	36	63	E.	.00
19	30.00	38	66	W.	.02
20	30.59	24	49	W.	.00
21	30.20	38	85	W.	.12
22	30.26	44	70	N.W.	T
23	30.08	44	85	S.	T
24	29.98	40	75	N.W.	T
25	29.76	36	81	N.W.	.10
26	30.20	28	55	N.W.	.00
27	29.66	38	59	S.W.	.01
28	30.12	28	54	W.	T
29	30.63	22	43	N.W.	.00
30	30.58	23	80	N.W.	.03
TOTALS	—	—	—	—	3.10
MEANS	30.06	38.2	70.1	W.	.103

GENERAL ITEMS.

Mean Barometer, 30.06.
Highest Barometer, 30.68, on the 30th.
Lowest Barometer, 29.47, on the 5th.
Monthly Range of Barometer, 1.21.
Mean Temperature, 38.2.
Highest Temperature, 66.0, on the 3d.
Lowest Temperature, — 15, on the 30th.
Monthly Range of Temperature, 51.0.
Greatest Daily Range of Temperature, 29.0 on the 27th.
Least Daily Range of Temperature, 4.0 on the 6th.
Mean Daily Range of Temperature, 12.7.
Mean Daily Dew-point, 28.6.
Mean Daily Relative Humidity, 70.1.
Prevailing Direction of Wind, W. 37%
Total Movement of Wind, 8,761 Miles.
Highest Velocity of Wind and Direction, 38 miles S.W. on the 3d.
Number of Foggy Days, 1.
Number of Clear Days, 12.
Number of Fair Days, 6.
Number of Cloudy Days, 12.
Total Number of Days on which Rain or Snow fell, 14.
Depth of unmelted Snow on ground at end of month, 0.3.
Dates of Auroras, 0.
Dates of Solar Halos, 2d, 24th.
Dates of Lunar Halos, 10th.
Thunder storm, 0. Dates of Frosts, 0.
Mean Max. Temp., 44.6. Mean Min. Temp., 31.9.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	37	1871	6.42 In.
1872	40	1872	3.66
1873	33	1873	8.34
1874	41	1874	2.85
1875	34	1875	5.47
1876	40	1876	11.03
1877	43	1877	9.62
1878	40	1878	8.94
1879	39	1879	2.97
1880	37	1880	2.30
1881	42	1881	3.73
1882	38	1882	1.20
1883	42	1883	2.08
1884	41	1884	3.03
1885	44	1885	5.78
1886	43	1886	3.59
1887	42	1887	2.22
1888	45	1888	4.97
1889	45	1889	4.91
1890	42	1890	0.97
1891	41	1891	2.35
1892	41	1892	4.45
1893	42	1893	1.83
1894	38	1894	3.10

Average mean temperature for 24 years, 40.0. Average mean precipitation for 24 years, 4.41. *T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of December, 1894.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of December, 1894, ... 952

Population estimated at 501,107. Rate per 1,000 inhabitants, 22.79

Total number	952
SEX.	
Males	480
Females	472
CONDITION.	
Married	290
Single	531
Widows	88
Widowers	31
Unknown	12
COLOR.	
White	931
Colored	21
Total deaths of children: Under 1 year	156
Total deaths of children: Under 2 years	231
Total deaths of children: Under 5 years	304
Diarrhœal diseases: Under 1 year	0
Diarrhœal diseases: Under 2 years	1
Diarrhœal diseases: Under 5 years	1
Diarrhœal diseases: All ages	4

NATIVITY.	
United States	636
Ireland	174
England	14
Scotland	7
Germany	16
British America	62
Italy	10
Other Countries	18
Unknown	15
PARENTAGE.	
United States	236
Irish	330
English	19
Scotch	9
German	24
British American	62
Italian	22
Other Countries	76
Mixed	82
Unknown	92
Still-births during the month	44

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for December, 1894.	Total Mortality for December, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	8	6												2	3	2	1					5	3
Croup	10	13			2	2	2	2		8	2											4	6
Carbuncle																							
Cholera Morbus																							
Cholera Infantum	1	3				1				1													1
Cerebro-spinal Meningitis	1											1											1
Congestive Fever																							
Diarrhœa	2	4														1	1						2
Dysentery	1	1																1				1	
Diphtheria	99	60			7	21	15	16	15	74	18	4	2			1						49	50
Erysipelas	5	8										2		2		1						1	4
Intermittent Fever																							
Influenza	1	28												1								1	
Measles	1	1			1					1													1
Purpura																							
Puerperal Fever	1	2													1								1
Pyæmia	1										1												1
Remittent Fever																							
Rheumatism	1	2									1											1	
Scarlatina	17	24	1			6	1	4	2	14	2		1									9	8
Small Pox		4																					
Syphilis (Congenital)	3		3							3													3
Syphilis		1																					
Septicæmia	3	3											2	1								1	2
Tonsillitis																							
Typhoid Fever	11	6										1	6	3			1					7	4
Typhus Fever																							
Whooping Cough	11	7		3	2	3	2	1		11												3	8
Yellow Fever																							
Other Zymotic Diseases		2																					
II. CONSTITUTIONAL.																							
Cancer	29	31									1			3	9	6	5	2	3			11	18
Hydrocephalus and Tuberc. Meningitis	12	12		2	2	4	1			9	3											10	2
Marasmus, Scrofula and Tabes Mesenterica	24	26	8	4	5	3	1			21		1			1				1			11	13
Phthisis Pulmonalis	122	98		1	1	2				4	2	13	45	33	16	5	3		1			60	62
Other Constitutional Diseases	16	14		1	1	2		1		5		2	3	1	3		2					8	8

SUMMARY OF DEATHS IN BOSTON.

With Principal Causes, for the year 1894. Compared with those of 1893.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

	1894.	1893.		1894.	1893.
Total No. of deaths from all causes	11,520	11,710	Influenza	56	68
Population (estimated)	501,107	487,397	Intermittent Fever	4	6
Annual death rate per 1000 inhabitants	22.98	24.02	Measles	8	27
Total No. from Zymotic diseases	2,357	2,042	Purpura	6	7
Percentage of deaths from Zymotic diseases to total mortality	20.46	17.43	Puerperal Fever	16	28
Total No. of Still-births	700	605	Pyæmia	12	13
Total deaths of children under 1 year	2,552	2,531	Remittent Fever	1	2
" " " " 2 years	3,252	3,209	Rheumatism	15	32
" " " " 5 years	4,108	3,987	Scarlatina	192	248
Percentage of deaths under 5 years to total mortality	35.66	34.04	Small-Pox	22	4
Total No. of deaths from diarrhœal diseases, under 5 years	628	559	Syphilis (congenital)	22	18
Total No. of deaths from diarrhœal diseases, all ages	700	635	Syphilis	9	8
Percentage of deaths from diarrhœal diseases to total mortality	6.08	5.4	Septicæmia	41	43
Alcoholism	65	84	Tonsillitis	2	3
Croup	61	70	Typhoid Fever	141	148
Carbuncle	1	3	Typhus Fever	—	—
Cholera Morbus	23	14	Whooping Cough	111	40
Cholera Infantum	569	499	Yellow Fever	—	—
Cerebro Spinal Meningitis	18	15	Other Zymotic Diseases	5	8
Diarrhœa	70	83	Cancer	354	310
Dysentery	38	39	Phthisis Pulmonalis	1,425	1,364
Diphtheria	817	476	Bright's Disease	134	168
Erysipelas	32	56	Bronchitis	460	507
			Heart Disease	839	785
			Pneumonia	1,119	1,540
			Old Age	248	275
			Violent Deaths	529	572

SANITARY STATISTICS OF BOSTON, MASS.

DECEMBER, 1894.

STREET GRADES BY WARDS.		
WARDS.	HIGHEST STREET GRADE.	LOWEST STREET GRADE.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37 Square miles.

" " " Acres, 23,707.

Miles of Streets, 558; paved 71.25; macadamized, 204.56; gravel, etc., 282.19.

Area of Parks 1,669 acres; Public Grounds 143 acres.

Number of Dwellings, (including tenement houses), 56.809.

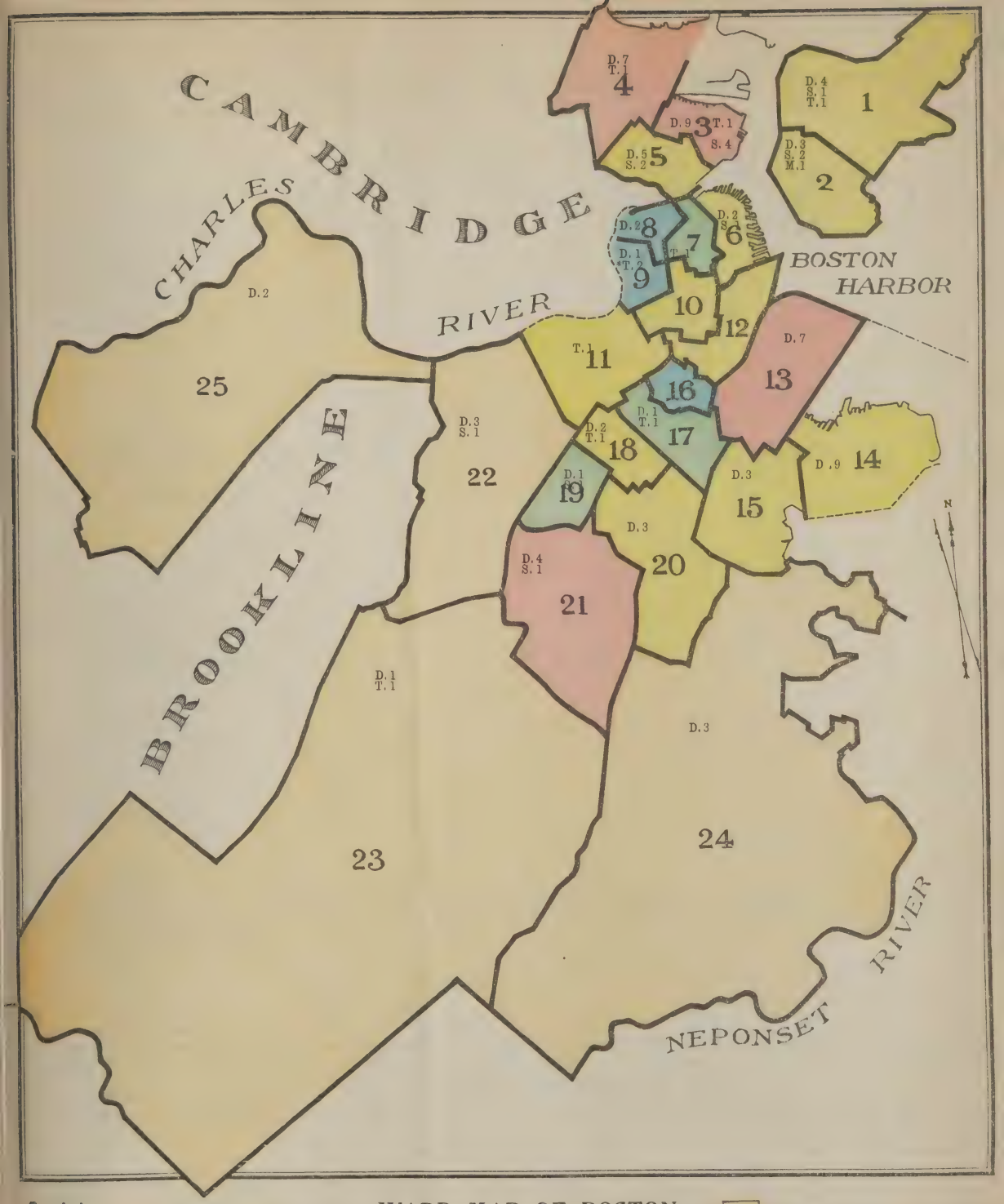
" " Tenement Houses (three or more families), 10,763.

Daily Consumption of Water, 44,500,000 gallons.

Daily Capacity of Water Supply, 60,000,000 "

Storage Reservoirs, 7.

Reservoir Capacity, 5.000,000,000 gallons.



Symbols:

D — Diphtheria.
S — Scarlatina.
T — Typhoid Fever.
M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 27. S. — 4. T. — 2. M — .

* Including deaths at Mass. Gen. Hospital.

Under 20 inhabitants to a square acre.
From 33 to 49 " " "
" 52 to 80 " " "
" 111 to 123 " " "
" 151 to 213 " " "

# of December, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for December, 1894.	Total Mortality for December, 1893.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	40	47	1							1	1	1	1	2	5	7	8	12	2			24	16
Bright's Disease	8	16											2	2	1	2	1					3	5
Bronchitis	48	58	3	2	5	7	1	1		19	1			3	2	3	10	4	5	1		22	26
Heart Disease	82	81							1	1	2	1	6	8	13	15	20	10	5	1		43	39
Meningitis	20	20	2	2	6	4		1		15	1	1		2	1							8	12
Nephritis	18	14										1	5	1	2	3	5	1				10	8
Pleurisy	1	2						1		1													1
Pneumonia	102	202	2	3	17	13	1		1	37	3	3	8	9	7	12	10	9	4			50	52
Other Local Diseases	110	124	18	4	3	5	1	2		33	3	3	8	9	9	14	18	12	1			57	53
IV. DEVELOPMENTAL.																							
Cyanosis		1																					
Inanition	8	9	7	1						8												6	2
Old Age	33	30															5	12	11	5		9	24
Premature Birth	18	13	18							18												13	5
Puerp'l Diseases (not including Puerp'l Fever)	5	6											3	2									5
Other Developmental Diseases	20	30	12	1		1				14					2	2		1	1			12	8
V. VIOLENT.																							
Accidental	42	34	2			1				3	2	3	5	11	7	5	2	3		1		34	8
Homicidal	4	2											2		1	1						1	3
Suicidal	6	7											2	1		1		1	1			4	2
Other Violent Causes	4	5											1	1	1	1							4
Unknown Causes	3	1	2	1						3												2	1
Total from all Causes	952	1058	79	25	52	75	25	29	19	304	43	37	102	97	84	82	92	68	35	8		480	472
Total from Zymotic Diseases	177	175	4	3	12	33	20	23	17	112	24	8	11	9	4	5	3	1				82	95
Including Tubercular Diseases	324	295																					
Total from Constitutional Diseases	203	181	8	8	9	11	2	1		39	6	16	48	37	29	11	10	2	5			100	103
" " Local do.	429	564	26	11	31	29	3	5	2	107	11	10	30	36	40	56	72	48	17	2		217	212
" " Developmental do.	84	89	37	2		1				40			3	2	2	2	5	13	12	5		40	44
" " Violent Causes	56	48	2			1				3	2	3	10	13	9	8	2	4	1	1		39	17

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of December, 1894, and for the corresponding month in 1893.

CASES REPORTED DURING DECEMBER, 1894.	City.	Quarantine.	CASES REPORTED DURING DECEMBER, 1893.	City.	Quarantine.
Diphtheria	469	....	Diphtheria	186	....
Measles	210	....	Measles	62	....
Small Pox	....	....	Small Pox	17	....
Scarlatina	278	....	Scarlatina	238	....
Typhoid Fever	42	..	Typhoid Fever	59	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of December, 1894, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	30.28	30	91	N.W.	.02
2	29.96	31	88	N.W.	.44
3	30.09	32	72	N.W.	.02
4	30.06	30	74	W.	.00
5	30.10	34	74	N.W.	.00
6	30.05	38	70	W.	.00
7	30.16	36	60	N.W.	.00
8	30.14	34	80	N.E.	.03
9	30.00	28	92	N.	.43
10	30.29	24	78	N.	.04
11	30.42	28	88	E.	.10
12	29.98	44	99	N.E.	.69
13	29.67	43	86	W.	.00
14	29.90	39	82	W.	.00
15	30.03	46	59	W.	.00
16	30.10	46	79	W.	.00
17	30.02	46	64	W.	.00
18	30.26	34	38	N.W.	.00
19	30.22	34	58	S.W.	.00
20	30.26	38	74	S.W.	.00
21	30.30	38	84	S., W., N.W.	.00
22	29.99	42	53	N.W.	.00
23	30.36	20	63	N.W.	.00
24	30.36	20	76	S.	.00
25	29.91	38	82	W.	.19
26	30.40	22	49	E.	.00
27	29.74	33	79	N.E.	2.32
28	30.03	14	65	N.W.	.00
29	29.91	12	52	N.W.	T
30	30.09	18	54	W.	.00
31	30.17	26	60	N.	.00
TOTALS	—	—	—	—	4.28
MEANS	30.12	32.2	71.7	W.	.138

GENERAL ITEMS.

Mean Barometer, 30.12.
Highest Barometer, 30.48, on the 24th.
Lowest Barometer, 29.51, on the 27th.
Monthly Range of Barometer, 0.97.
Mean Temperature, 32.2.
Highest Temperature, 55.0, on the 16th.
Lowest Temperature, — 8, on the 29th, 30th.
Monthly Range of Temperature, 47.0.
Greatest Daily Range of Temperature, 22.0 on the 27th.
Least Daily Range of Temperature, 5.0 on the 18th.
Mean Daily Range of Temperature, 13.4.
Mean Daily Dew-point, 23.2.
Mean Daily Relative Humidity, 71.7.
Prevailing Direction of Wind, W.
Total Movement of Wind, 8,465 Miles.
Highest Velocity of Wind and Direction, 50 miles N.E. on the 27th.
Number of Foggy Days, 0.
Number of Clear Days, 9.
Number of Fair Days, 12.
Number of Cloudy Days, 10.
Total Number of Days on which Rain or Snow fell, 10.
Depth of unmelted Snow on ground at end of month, 3.0 inches.
Dates of Auroras, 0.
Dates of Solar Halos, 19th, 24th, 26th.
Dates of Lunar Halos, 12th.
Thunder storm, 0.
Dates of Frosts, 0.
Mean Max. Temp., 38.9.
Mean Min. Temp., 25.5.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	28	1871	3.38 In.
1872	24	1872	3.29
1873	31	1873	5.64
1874	31	1874	2.14
1875	29	1875	0.75
1876	22	1876	3.71
1877	35	1877	1.32
1878	30	1878	6.76
1879	32	1879	5.36
1880	26	1880	3.42
1881	38	1881	3.80
1882	30	1882	2.65
1883	29	1883	3.71
1884	33	1884	4.46
1885	33	1885	2.09
1886	29	1886	3.66
1887	32	1887	2.71
1888	36	1888	4.38
1889	38	1889	1.83
1890	26	1890	3.92
1891	40	1891	3.58
1892	30	1892	1.12
1893	30	1893	5.16
1894	32	1894	4.28

Average mean temperature for 24 years, 31.0.

Average mean precipitation for 24 years, 3.46.

*T indicates trace of precipitation.

3961.9

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of January, 1895.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of January, 1895, ... 960

Population estimated at 501,107. Rate per 1,000 inhabitants, 22.98

Total number	960
SEX.	
Males	481
Females	479
CONDITION.	
Married	294
Single	515
Widows	107
Widowers	39
Unknown	5
COLOR.	
White	943
Colored	17
Total deaths of children: Under 1 year	174
Total deaths of children: Under 2 years	240
Total deaths of children: Under 5 years	308
Diarrhœal diseases: Under 1 year	2
Diarrhœal diseases: Under 2 years	2
Diarrhœal diseases: Under 5 years	2
Diarrhœal diseases: All ages	4

NATIVITY.	
United States	632
Ireland	197
England	17
Scotland	6
Germany	19
British America	51
Italy	7
Russia	5
Other Countries	22
Unknown	4
PARENTAGE	
United States	217
Irish	371
English	16
Scotch	10
German	27
British American	53
Italian	23
Russian	14
Other Countries	74
Mixed	54
Unknown	101
Still-births during the month	38

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for January, 1895.	Total Mortality for January, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	6	2											2	3		1						5	1
Croup	10	8			1	1	4	2	1	9	1											6	4
Carbuncle																							
Cholera Morbus																							
Cholera Infantum	2	2	1		1					2													2
Cerebro-spinal Meningitis	1										1											1	
Congestive Fever																							
Diarrhœa	1														1								1
Dysentery	1															1						1	
Diphtheria	55	61	2		2	13	12	3	8	40	14	1										28	27
Erysipelas	3	5	1							1				1				1				2	1
Intermittent Fever																							
Influenza	2	31													1		1					1	1
Measles	2	1					1			1	1												2
Purpura																							
Puerperal Fever	1	3												1									1
Pyæmia		1																					
Remittent Fever																							
Rheumatism	1	2															1						1
Scarlatina	17	19				3	5	6	1	15	1	1										6	11
Small Pox		4																					
Syphilis (Congenital)	5	1	3	2						5												2	3
Syphilis																							
Septicæmia	5	7											2	1	1		1						5
Tonsillitis	1		1							1												1	
Typhoid Fever	8	3				1				1		1	2	3			1					7	1
Typhus Fever																							
Whooping Cough	6	7	1	1	4					6												4	2
Yellow Fever																							
Other Zymotic Diseases																							
II. CONSTITUTIONAL.																							
Cancer	40	36												6	5	11	7	9	2			11	29
Hydrocephalus and Tuberc. Meningitis	15	9			3	8	1	1		13	1				1							8	7
Marasmus, Scrofula and Tabes Mesenterica	20	18	13	1	4	2				20												8	12
Phthisis Pulmonalis	113	134	1	1	2	2				6		8	43	26	16	9	4	1				62	51
Other Constitutional Diseases	20	12	1	1	2	1				5		1	5		4	3	1	1				9	11

# of January, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for January, 1895.	Total Mortality for January, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	37	34			1	1				2			1	4	4	6	11	5	3	1		11	26
Bright's Disease	12	14											1	2	4	3	2					8	4
Bronchitis	58	60	7	5	5	8	1	2		28		1	2	3	6	4	3	8	3			23	35
Heart Disease	83	76	3						1	4		5	8	12	6	14	7	23	4			39	44
Meningitis	21	24	4	4	4	4	1	1		18						1	2					13	8
Nephritis	18	16											1	5	4	5		3				13	5
Pleurisy	3	2				1				1						2						3	
Pneumonia	149	204	6	8	10	14	6	1	3	48	1	3	15	18	20	15	15	12	2			82	67
Other Local Diseases	130	139	18	9	5	5			1	38	2	1	16	15	12	15	18	7	6			69	61
IV. DEVELOPMENTAL.																							
Cyanosis	1	3	1							1												1	
Inanition	4	6	4							4												1	3
Old Age	24	24															2	5	11	6		5	19
Premature Birth	11	23	11							11												7	4
Puerp'l Diseases (not including Puerp'l Fever)	4	3										1	2	1									4
Other Developmental Diseases	22	21	16			2			1	19								2	1			10	12
V. VIOLENT.																							
Accidental	38	37	3	1				3		7	1	3	7	6	4	4	4	1	1			28	10
Homicidal	2	3						1	1	2												1	1
Suicidal	3	1											1	1			1					3	
Other Violent Causes	5													1	4							2	3
Unknown Causes																							
Total from all Causes	960	1056	97	33	44	66	31	20	17	308	23	26	108	109	93	94	81	78	33	7		481	479
Total from Zymotic Diseases	127	157	9	3	8	18	22	11	10	81	18	3	6	9	3	2	4	1				64	63
Including Tubercular Diseases	277	335																					
Total from Constitutional Diseases	208	209	15	3	11	13	1	1		44	1	9	48	32	26	23	12	11	2			98	110
" " Local do.	511	569	38	26	25	33	8	4	5	139	3	10	44	59	56	65	58	58	18	1		261	250
" " Developmental do.	66	80	32			2			1	35		1	2	1			2	7	12	6		24	42
" " Violent Causes	48	41	3	1				4	1	9	1	3	8	8	8	4	5	1	1			34	14

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of January, 1895, and for the corresponding month in 1894.

CASES REPORTED DURING JANUARY, 1895.	City.	Quarantine.
Diphtheria	340	....
Measles	269	....
Small Pox	....	....
Scarlatina	231	....
Typhoid Fever	28	..
Typhus Fever	....	....
Yellow Fever	....	....

CASES REPORTED DURING JANUARY, 1894.	City.	Quarantine.
Diphtheria	195	....
Measles	70	2
Small Pox	11	....
Scarlatina	214	....
Typhoid Fever	25	....
Typhus Fever	....	..
Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of January, 1895, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	30.04	26	63	N.W.	.00
2	30.22	22	65	W.	.00
3	30.29	24	68	W.	.00
4	30.08	28	62	N.W.	T
5	30.42	10	36	N.W.	.00
6	30.18	26	92	S.E.	.40
7	30.09	42	88	S.W.	.04
8	30.24	40	92	N.W.	.11
9	30.47	33	74	N.W.	.11
10	30.44	31	90	N.E.	.32
11	29.86	42	86	W.	.73
12	29.93	38	83	S.W.	.00
13	29.63	43	93	N.E.	.02
14	30.01	26	63	S.W.	T
15	30.13	28	63	S.W.	.00
16	29.96	36	78	S.W.	.49
17	29.98	29	73	W.	T
18	30.05	24	64	W.	.00
19	30.04	22	72	N.W.	.14
20	30.22	24	55	W.	.00
21	29.87	33	84	S.E.	.04
22	29.40	42	73	W.	.18
23	29.61	28	60	W.	T
24	29.88	21	50	W.	.00
25	30.25	22	52	W.	.00
26	29.52	39	84	E.	1.06
27	29.86	27	54	W.	00.
28	30.14	20	54	W.	.00
29	29.90	20	86	W.	.15
30	30.05	24	78	W.	T
31	30.25	24	72	N.W.	.00
TOTALS	—	—	—	—	3.79
MEANS	30.03	28.8	71.6	W.	.122

GENERAL ITEMS.

Mean Barometer, 30.03.
Highest Barometer, 30.56, on the 10th.
Lowest Barometer, 29.19, on the 26th.
Monthly Range of Barometer, 1.37.
Mean Temperature, 28.8.
Highest Temperature, 54.0, on the 7th.
Lowest Temperature, — 4, on the 5th.
Monthly Range of Temperature, 50.0.
Greatest Daily Range of Temperature, 28.0 on the 6th.
Least Daily Range of Temperature, 4.0 on the 9th.
Mean Daily Range of Temperature, 13.9.
Mean Daily Dew-point, 20.1.
Mean Daily Relative Humidity, 71.6.
Prevailing Direction of Wind, W.
Total Movement of Wind, 8,270 Miles.
Highest Velocity of Wind and Direction, 40 miles E. on the 26th.
Number of Foggy Days, 1. Number of Fair Days, 8.
Number of Clear Days, 11. Number of Cloudy Days, 12.
Total Number of Days on which Rain or Snow fell, 13.
Depth of unmelted Snow on ground at end of month, 2.0 inches.
Dates of Auroras, 1st.
Dates of Solar Halos, 3d, 5th, 12th, 18th, 19th, 28th, 31st.
Dates of Lunar Halos, 5th, 8th, 11th.
Thunder storm, 0. Dates of Frosts, 0.
Mean Max. Temp., 35.7. Mean Min. Temp., 21.8.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	26	1871	0.92 In.
1872	27	1872	2.11
1873	26	1873	5.76
1874	31	1874	4.32
1875	20	1875	3.68
1876	30	1876	1.87
1877	23	1877	3.33
1878	28	1878	7.60
1879	24	1879	2.79
1880	35	1880	3.72
1881	22	1881	7.21
1882	26	1882	3.68
1883	25	1883	3.59
1884	24	1884	6.27
1885	27	1885	5.33
1886	26	1886	7.08
1887	26	1887	4.86
1888	20	1888	2.26
1889	36	1889	4.11
1890	32	1890	2.00
1891	31	1891	4.39
1892	28	1892	4.62
1893	21	1893	2.56
1894	30	1894	3.01
1895	29	1895	3.79

Average mean temperature for 25 years, 27.0. Average mean precipitation for 25 years, 4.03. *T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of February, 1895.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of February, 1895, ... 1028

Population estimated at 501,107. Rate per 1,000 inhabitants, 24.61

Total number	1028
SEX.	
Males	516
Females	512
CONDITION.	
Married	310
Single	537
Widows	136
Widowers	38
Unknown	7
COLOR.	
White	1003
Colored	25

Total deaths of children	Under 1 year	185
	Under 2 years	232
	Under 5 years	302
Diarrhœal diseases	Under 1 year	1
	Under 2 years	1
	Under 5 years	1
	All ages	6

NATIVITY.	
United States	664
Ireland	210
England	29
Scotland	13
Germany	18
British America	47
Italy	7
Russia	8
Other Countries	19
Unknown	13
PARENTAGE	
United States	247
Irish	361
English	22
Scotch	16
German	27
British American	52
Italian	25
Russian	19
Other Countries	65
Mixed	77
Unknown	117
Still-births during the month	47

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for February, 1895.	Total Mortality for February, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	7	9											2	3	2							4	3
Croup	10	5		2	2	1	2	1	1	9	1											6	4
Carbuncle																							
Cholera Morbus																							
Cholera Infantum		2																					
Cerebro-spinal Meningitis	3	1	1			1		1		3													3
Congestive Fever																							
Diarrhœa	2	1			1					1									1				2
Dysentery	4	3														1	1	2					4
Diphtheria	55	46		1	4	7	12	10	9	43	8	3				1						26	29
Erysipelas	3	6											1	1	1							3	
Intermittent Fever																							
Influenza	23	12	2	2	1	1				6				1	1	3	1	5	5	1		9	14
Measles	1	1		1						1												1	
Purpura	1		1							1													1
Puerperal Fever	2	3											1	1									2
Pyæmia		4																					
Remittent Fever																							
Rheumatism	3	3			1					1				1			1					2	1
Scarlatina	12	18			2	3	3	1	1	10	1	1										5	7
Small Pox		5																					
Syphilis (Congenital)	1	1	1							1												1	
Syphilis	1																	1				1	
Septicæmia	3	2											1		1		1						3
Tonsillitis																							
Typhoid Fever	3	5										1	1	1								1	2
Typhus Fever																							
Whooping Cough	1	10			1					1												1	
Yellow Fever																							
Other Zymotic Diseases	1																1					1	
II. CONSTITUTIONAL.																							
Cancer	28	25												2	6	4	6	8	2			9	19
Hydrocephalus and Tuberc. Meningitis	18	18	2	2	4	1	2	4		15	2	1										12	6
Marasmus, Scrofula and Tabes Mesenterica	18	28	11	3	2	1				17		1										8	10
Phthisis Pulmonalis	120	117	1		1	1	1			4		11	34	38	12	10	9	1	1			68	52
Other Constitutional Diseases	25	14	1		3	1	2	1		8		3	8	1	2	3						10	15

SANITARY STATISTICS OF BOSTON, MASS.

FEBRUARY, 1895.

STREET GRADES BY WARDS.		
Wards.	Highest Street Grade.	Lowest Street Grade.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37.04 Square miles.

" " " Acres, 23,707.

Miles of Streets, 449.50; paved 89.78; macadamized, 219.02; gravel, etc., 140.70.

Area of Parks 20,94 acres; Public Grounds 143 acres.

Number of Dwellings, (including tenement houses), 58,714.

" " Tenement Houses (four or more families), 3,329.

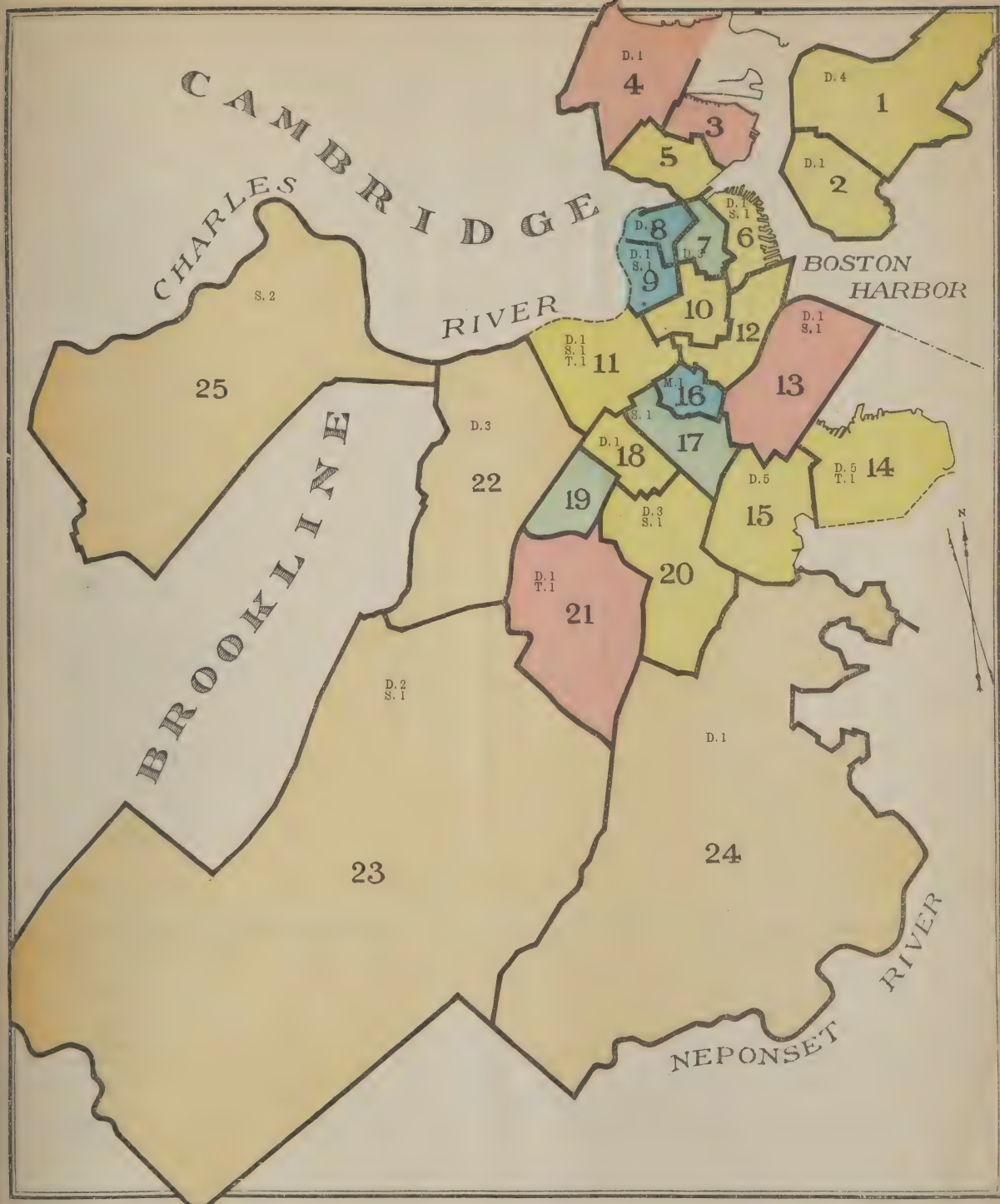
*Daily Consumption of Water, 46,575,800 gallons.

Daily Capacity of Water Supply, 50,000,000 "

Storage Reservoirs, 11.

Reservoir Capacity, 7,755,000,000 gallons.

*This does not include the Mystic which supplies Charlestown district and the cities of Chelsea, Somerville and Everett, of which the daily consumption is 10,282,100 gallons.



Symbols:

D — Diphtheria.

S — Scarlatina.

T — Typhoid Fever.

M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 20. S. — 2. T. — . M — . }

* Including deaths at Mass. Gen. Hospital.

Under 20 inhabitants to a square acre

From 33 to 49 " " "

" 52 to 80 " " "

" 111 to 123 " " "

" 151 to 213 " "

# of February, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for February, 1895.	Total Mortality for February, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	30	39	2							2			1	1	5	8	4	8	1			18	12
Bright's Disease	14	12										1	1	3	2	5		2				11	3
Bronchitis	60	59	12	4	6	7			3	32			5	2	3	4	7	7	7	2		30	39
Heart Disease	90	65	3			2				5	1	3	9	7	12	16	17	13	7			44	46
Meningitis	25	17	4	3	3	3	2			15	3	1		3	1	2						14	11
Nephritis	15	16			1					1		1	2	1		5	2	2	1			8	7
Pleurisy	1	2												1								1	
Pneumonia	219	142	10	8	13	15	6	2	3	57	1	2	21	24	27	24	27	27	8	1		114	105
Other Local Diseases	113	136	16	4	3	2		1	1	27	1	4	11	6	9	10	24	18	2	1		60	53
IV. DEVELOPMENTAL.																							
Cyanosis	1		1							1												1	
Inanition	9	4	9							9												2	7
Old Age	29	23															6	8	12	3		9	20
Premature Birth	9	20	9							9												6	3
Puerp'l Diseases (not including Puerp'l Fever)	1	3												1									1
Other Developmental Diseases	20	23	17	1						18					2							13	7
V. VIOLENT.																							
Accidental	28	25	2			1	1			4		1	7	2	4	3	3	2	2			13	15
Homicidal	1	1											1									1	
Suicidal	3	5												1		1		1				3	
Other Violent Causes	4	3											1	1	2								4
Unknown Causes	2			1						1	1												2
Total from all Causes	1028	934	105	32	48	47	31	21	18	302	19	34	107	102	92	100	110	105	49	8		516	512
Total from Zymotic Diseases	136	137	5	6	12	13	17	13	11	77	10	5	6	8	5	5	5	8	6	1		61	75
Including Tubercular Diseases	313	280																					
Total from Constitutional Diseases	209	202	15	5	10	4	5	5		44	2	16	42	41	20	17	15	9	3			107	102
" " Local do.	576	488	47	19	26	29	8	3	7	139	6	12	50	48	59	74	81	77	26	4		300	276
" " Developmental do.	69	73	36	1						37				1	2		6	8	12	3		31	38
" " Violent Causes	36	34	2			1	1			4		1	9	4	6	4	3	3	2			17	19

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of February, 1895, and for the corresponding month in 1894.

CASES REPORTED DURING FEBRUARY, 1895.	City.	Quarantine.	CASES REPORTED DURING FEBRUARY, 1894.	City.	Quarantine.
Diphtheria	294	....	Diphtheria	128	....
Measles	180	....	Measles	47	....
Small Pox	....	....	Small Pox	22	....
Scarlatina	174	....	Scarlatina	169	....
Typhoid Fever	16	..	Typhoid Fever	28	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of February, 1895, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	30.32	26	68	N.W.	.00
2	30.11	30	82	N.W.	.15
3	30.36	18	64	N.W.	.00
4	29.94	22	89	N.W.	.11
5	29.86	8	50	W.	.01
6	29.79	4	50	W.	.00
7	29.67	8	76	W.	T
8	28.93	19	62	S.W.	.83
9	29 37	8	65	W.	T
10	29.77	21	63	N.W.	T
11	29.93	28	60	W.	.00
12	29.79	26	66	W.	.00
13	29.53	27	69	N.	T
14	29.86	31	56	W.	.00
15	30.18	31	48	W.	.00
16	29.89	30	56	W.	.00
17	29.78	33	50	W.	.00
18	29.90	36	68	N.W.	.00
19	29.82	36	75	S.W.	.00
20	29.76	33	52	W.	.00
21	29.55	34	72	S.W.	T
22	29.77	24	55	W.	.01
23	30.15	20	54	W.	.00
24	30.42	18	42	W.	.00
25	29.98	34	70	S.W.	T
26	30.08	22	58	N.W.	.00
27	29.95	24	48	W.	.00
28	29.58	36	74	E.	.00
TOTALS	—	—	—	—	1.11
MEANS	29.86	24 6	62.2	W.	.039

GENERAL ITEMS.

Mean Barometer, 29.86.
Highest Barometer, 30.48, on the 24th.
Lowest Barometer, 28.69, on the 8th.
Monthly Range of Barometer, 1.78.
Mean Temperature, 24.6.
Highest Temperature, 46.0, on the 19th.
Lowest Temperature, — 6, on the 6th.
Monthly Range of Temperature, 52.0.
Greatest Daily Range of Temperature, 34.0 on the 8th.
Least Daily Range of Temperature, 3.0 on the 4th.
Mean Daily Range of Temperature, 15.9.
Mean Daily Dew-point, 12.9.
Mean Daily Relative Humidity, 62.2.
Prevailing Direction of Wind, West.
Total Movement of Wind, 9,090 Miles.
Highest Velocity of Wind and Direction, 47 miles S.W. on the 8th.
Number of Foggy Days, 1. Number of Fair Days, 7.
Number of Clear Days, 10. Number of Cloudy Days, 11.
Total Number of Days on which Rain or Snow fell, 5.
Depth of unmelted Snow on ground at end of month, 0 inches.
Dates of Auroras, 14th, 15th, 23d.
Dates of Solar Halos, 1st, 7th, 10th, 12th, 13th, 18th, 24th.
Dates of Lunar Halos, 1st, 6th.
Thunder storm, 0. Dates of Frosts, 0.
Mean Max. Temp., 32.5. Mean Min. Temp., 16.6.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	29	1871	2.63 In.
1872	28	1872	2.31
1873	27	1873	3.21
1874	28	1874	3.41
1875	22	1875	3.74
1876	27	1876	4.54
1877	32	1877	0.45
1878	29	1878	4.40
1879	24	1879	4.35
1880	32	1880	4.11
1881	28	1881	4.89
1882	30	1882	4.77
1883	29	1883	2.74
1884	31	1884	5.74
1885	20	1885	3.00
1886	27	1886	7.04
1887	29	1887	3.69
1888	28	1888	2.36
1889	26	1889	1.54
1890	33	1890	2.29
1891	32	1891	3.66
1892	28	1892	2.15
1893	27	1893	6.22
1894	27	1894	3.15
1895	25	1895	1.11

Average mean temperature for 25 years, 28.0. Average mean precipitation for 25 years, 3.50. *T indicates trace of precipitation.

3761.9

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of March, 1895.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of March, 1895, ... 1007

Population estimated at 501,107. Rate per 1,000 inhabitants, 24.11

Total number	1007
SEX.	
Males	535
Females	472
CONDITION.	
Married	327
Single	508
Widows	132
Widowers	35
Unknown	5
COLOR.	
White	979
Colored	28
Total deaths of children: Under 1 year	167
Total deaths of children: Under 2 years	225
Total deaths of children: Under 5 years	280
Diarrhœal diseases: Under 1 year	3
Diarrhœal diseases: Under 2 years	4
Diarrhœal diseases: Under 5 years	4
Diarrhœal diseases: All ages	5

NATIVITY.	
United States	611
Ireland	226
England	29
Scotland	10
Germany	20
British America	65
Italy	8
Russia	12
Other Countries	17
Unknown	9
PARENTAGE	
United States	242
Irish	356
English	26
Scotch	19
German	27
British American	52
Italian	16
Russian	29
Other Countries	69
Mixed	66
Unknown	105
Still-births during the month	52

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for March, 1895.	Total Mortality for March, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	6	4												4		2						5	1
Croup	5	4	1			2		1	1	5												3	2
Carbuncle																							
Cholera Morbus																							
Cholera Infantum	3	2	1		1	1				3												1	2
Cerebro-spinal Meningitis	3	2			1	1		1		3												2	1
Congestive Fever																							
Diarrhœa	2	1	1							1								1				1	1
Dysentery		2																					
Diphtheria	29	56			1	7	1	7	4	20	7	2										17	12
Erysipelas	3	7	1							1							1		1			1	2
Intermittent Fever																							
Influenza	23	6	1	1						2			2	1	1	3	1	5	5	3		8	15
Measles	2					2				2												1	1
Purpura	4	1		1						1			1		1	1						3	1
Puerperal Fever		1																					
Pyæmia		1																					
Remittent Fever																							
Rheumatism	3										1	1	1										3
Scarlatina	14	12		1		2	3	2	2	10	4											4	10
Small Pox		6																					
Syphilis (Congenital)	3	1	1	1	1					3												1	2
Syphilis	1	2														1							1
Septicæmia	7	3											3	1	1	1	1					5	2
Tonsillitis																							
Typhoid Fever	6	5										2	3	1								2	4
Typhus Fever																							
Whooping Cough	4	5			2	2				4												3	1
Yellow Fever																							
Other Zymotic Diseases	1											1										1	
II. CONSTITUTIONAL.																							
Cancer	36	41											1	2	3	11	9	7	3			13	23
Hydrocephalus and Tuberc. Meningitis	23	31	2	4	4	8	3	1		22			1									14	9
Marasmus, Scrofula and Tabes Mesenterica	18	18	10	2	2		1			15			1				1	1				9	9
Phthisis Pulmonalis	125	142		1	1					2	1	7	42	33	19	12	4	4		1		67	58
Other Constitutional Diseases	26	18		1	2					3		3	7	4	6	2	1					8	18

SANITARY STATISTICS OF BOSTON, MASS.

MARCH, 1895.

STREET GRADES BY WARDS.		
Wards.	Highest Street Grade.	Lowest Street Grade.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37.04 Square miles.

" " " Acres, 23,707.

Miles of Streets, 449.50; paved 89.78; macadamized, 219.02; gravel, etc., 140.70.

Area of Parks 20,94 acres; Public Grounds 143 acres.

Number of Dwellings, (including tenement houses), 58,714.

" " Tenement Houses (four or more families), 3,329.

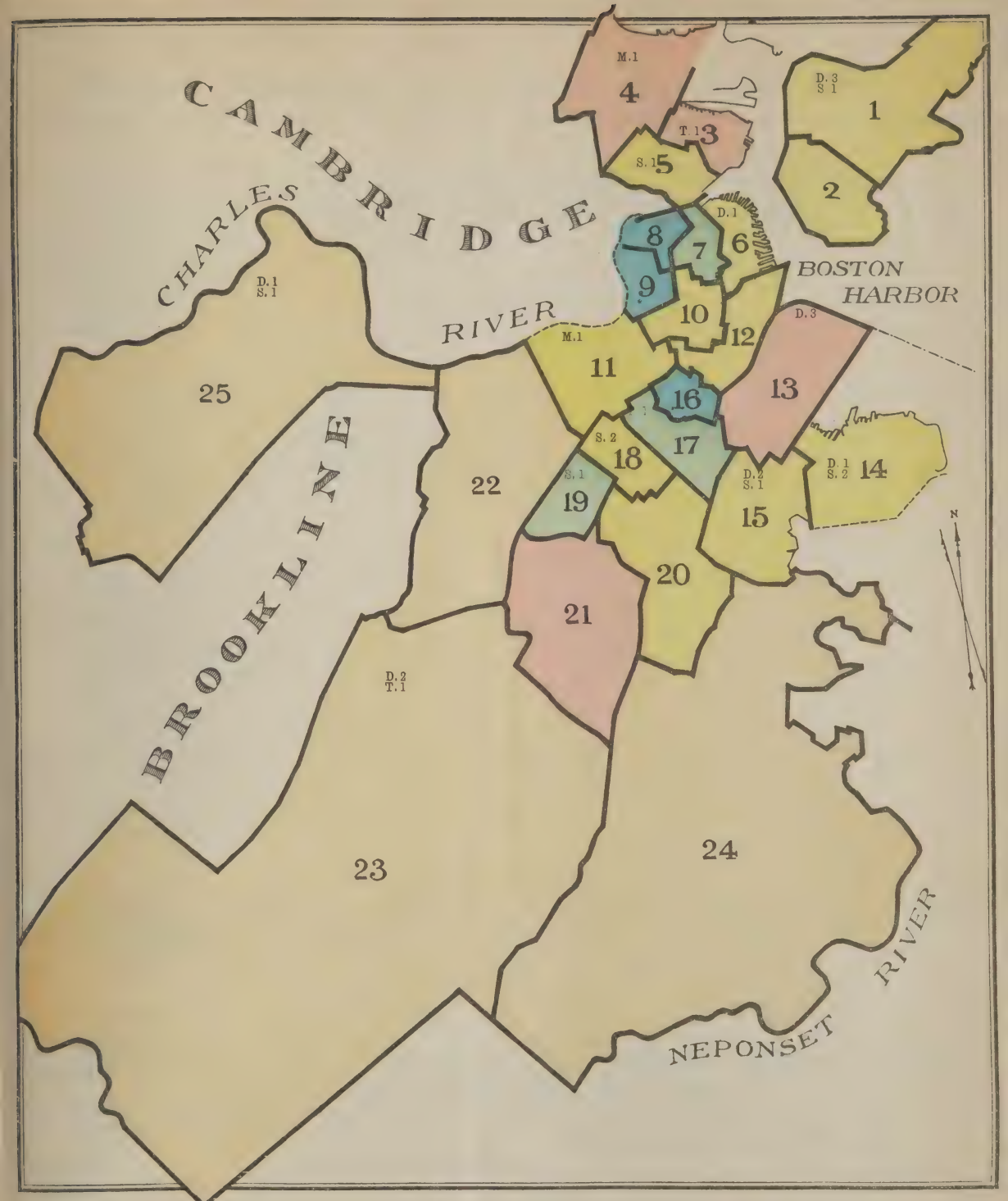
*Daily Consumption of Water, 46,575,800 gallons.

Daily Capacity of Water Supply, 50,000,000 "

Storage Reservoirs, 11.

Reservoir Capacity, 7.755,000,000 gallons.

*This does not include the Mystic which supplies Charlestown district and the cities of Chelsea, Somerville and Everett, of which the daily consumption is 10,282,100 gallons.



Symbols:

D — Diphtheria.

S — Scarlatina.

T — Typhoid Fever.

M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 16. S. — 5. T. — 3. M — .

* Including deaths at Mass. Gen. Hospital.

Under 20 inhabitants to a square acre.

From 33 to 49 " " "

" 52 to 80 " " "

" 111 to 123 " " "

" 151 to 213 " "

# of March, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for March, 1895.	Total Mortality for March, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	58	26	1			1				2	1		2	1	8	11	15	13	5			33	25
Bright's Disease	13	17										1	3	2	1		3	2	1			7	6
Bronchitis	59	51	9	7	6	10	2	1		35			1	1	2	2	11	5	2			28	31
Heart Disease	93	86					1			1	2	3	8	10	19	20	13	13	3	1		48	45
Meningitis	26	17	1	5	4	6	1	2		19	5			1					1			17	9
Nephritis	24	13							1	1		2	4	2	2	5	4	3	1			13	11
Pleurisy	1												1										1
Pneumonia	142	158	2	10	11	12	8	2	3	48	1	3	4	12	16	22	17	12	5	2		85	57
Other Local Diseases	115	142	7	5	5	4	2		1	24	2	3	8	6	18	13	16	21	3	1		54	61
IV. DEVELOPMENTAL.																							
Cyanosis	1		1							1													1
Inanition	10	12	6	2	2					10												5	5
Old Age	27	20														1	1	10	11	4		9	18
Premature Birth	17	18	17							17												15	2
Puerp'l Diseases (not including Puerp'l Fever)	1	4															1						1
Other Developmental Diseases	24	12	16	1						17	1				1	1	1	2	1			14	10
V. VIOLENT.																							
Accidental	34	28	2		1		2	1	1	7	1	1	8	6	4	3	2	2				28	6
Homicidal	2	1											1		1							2	
Suicidal	8	2											2	1	3	2						6	2
Other Violent Causes	3	2	1							1			1			1						1	2
Unknown Causes	2	2										1				1						1	1
Total from all Causes	1007	982	81	42	44	58	24	18	13	280	26	30	105	88	106	115	102	101	42	12		535	472
Total from Zymotic Diseases	119	121	6	4	6	17	4	11	7	55	12	6	10	7	3	8	3	6	6	3		58	61
Including Tubercular Diseases	315	324																					
Total from Constitutional Diseases	228	250	12	8	9	8	4	1		42	1	10	52	39	28	25	15	12	3	1		111	117
" " Local do.	531	510	20	27	26	33	14	5	5	130	11	12	31	35	66	73	79	69	21	4		285	246
" " Developmental do.	80	66	40	3	2					45	1				1	2	3	12	12	4		43	37
" " Violent Causes	47	33	3		1		2	1	1	8	1	1	12	7	8	6	2	2				37	10

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of March, 1895, and for the corresponding month in 1894.

CASES REPORTED DURING MARCH, 1895.	City.	Quarantine.	CASES REPORTED DURING MARCH, 1894.	City.	Quarantine.
Diphtheria	205	....	Diphtheria	185	....
Measles	437	....	Measles	53	1
Small Pox	....	....	Small Pox	27	....
Scarlatina	184	....	Scarlatina	168	....
Typhoid Fever	19	....	Typhoid Fever	33	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON

For the month of March, 1893, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	29.51	50	74	S.W.	T
2	29.74	37	95	N.W.	.45
3	29.85	30	70	N.W.	.00
4	29.89	31	80	N.E.	.00
5	30.11	22	51	W.	.07
6	30.44	27	77	W.	.03
7	30.16	34	90	N.E.	.17
8	29.88	39	94	W.	.56
9	29.56	41	75	N.W.	.01
10	29.98	38	56	W.	.00
11	30.26	28	57	N.	T
12	30.24	31	60	E.	.00
13	30.12	38	80	S.	T
14	29.90	38	66	N.W.	.80
15	30.06	20	72	N.W.	.12
16	29.64	30	72	N.W.	.06
17	29.75	30	46	W.	.00
18	29.62	32	52	W.	T
19	29.82	33	42	W.	.00
20	29.98	34	48	N.W.	.00
21	30.04	32	54	N.	.00
22	30.29	36	69	N.E.	T
23	30.50	37	53	E.	.00
24	30.34	42	68	S.W.	T
25	29.94	42	80	S.W.	.10
26	29.76	42	60	W.	T
27	29.78	37	51	W.	.00
28	29.42	36	76	N.W.	.31
29	29.92	36	47	N.W.	.00
30	30.06	33	51	N.W.	.04
31	30.12	35	24	N.W.	.00
TOTALS	—	—	—	—	2.72
MEANS	29.95	34.6	64	N.W.	.087

GENERAL ITEMS.

Mean Barometer, 29.95.
Highest Barometer, 30.50, on the 23d.
Lowest Barometer, 29.19, on the 28th.
Monthly Range of Barometer, 1.31.
Mean Temperature, 34.6.
Highest Temperature, 58.0, on the 1st.
Lowest Temperature, — 14, on the 15th.
Monthly Range of Temperature, 44.0.
Greatest Daily Range of Temperature, 21.0 on the 14th.
Least Daily Range of Temperature, 4.0 on the 11th.
Mean Daily Range of Temperature, 13.0.
Mean Daily Dew-point, 22.0.
Mean Daily Relative Humidity, 64.0.
Prevailing Direction of Wind, N.W. 30%
Total Movement of Wind, 9,338 Miles.
Highest Velocity of Wind and Direction, 37 miles N.W. on the 28th.
Number of Foggy Days, 1. Number of Fair Days, 7.
Number of Clear Days, 11. Number of Cloudy Days, 13.
Total Number of Days on which Rain or Snow fell, 12.
Depth of unmelted Snow on ground at end of month, 0 inches.
Dates of Auroras, 0.
Dates of Solar Halos, 21st, 24th, 27th, 29th.
Dates of Lunar Halos, 31st.
Thunder storm, 0. Dates of Frosts, 0.
Mean Max. Temp., 41.1. Mean Min. Temp., 28.0.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	42	1871	4.55 In.
1872	27	1872	4.05
1873	35	1873	3.76
1874	35	1874	1.60
1875	31	1875	5.04
1876	33	1876	7.19
1877	34	1877	9.79
1878	39	1878	5.91
1879	33	1879	3.90
1880	33	1880	3.25
1881	36	1881	9.86
1882	35	1882	3.35
1883	31	1883	2.33
1884	34	1884	4.86
1885	28	1885	1.15
1886	34	1886	3.20
1887	32	1887	3.86
1888	32	1888	3.32
1889	38	1889	1.19
1890	35	1890	5.88
1891	34	1891	3.94
1892	33	1892	3.91
1893	34	1893	2.80
1894	42	1894	1.01
1895	35	1895	2.72

Average mean temperature for 25 years, 34.0. Average mean precipitation for 25 years, 4.09. *T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of April, 1895.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of April, 1895, ... 900

Population estimated at 501,107. Rate per 1,000 inhabitants, 21.55

Total number	900
SEX.	
Males	469
Females	431
CONDITION.	
Married	301
Single	466
Widows	9
Widowers	31
Unknown	7
COLOR.	
White	861
Colored	39
Total deaths of children: Under 1 year	167
Total deaths of children: Under 2 years	222
Total deaths of children: Under 5 years	277
Diarrhœal diseases: Under 1 year	1
Diarrhœal diseases: Under 2 years	2
Diarrhœal diseases: Under 5 years	2
Diarrhœal diseases: All ages	2

NATIVITY.	
United States	597
Ireland	147
England	24
Scotland	8
Germany	14
British America	60
Italy	13
Russia	6
Other Countries	18
Unknown	13
PARENTAGE.	
United States	217
Irish	281
English	24
Scotch	11
German	24
British American	49
Italian	25
Russian	23
Other Countries	70
Mixed	74
Unknown	102
Still-births during the month	62

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for April, 1895.	Total Mortality for April, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	3	5											2	1									
Croup	4	6				2	1			3	1											2	2
Carbuncle																							
Cholera Morbus		1																					
Cholera Infantum	1	3	1							1												1	
Cerebro-spinal Meningitis	2	1					1			1			1									1	1
Congestive Fever																							
Diarrhœa		3																					
Dysentery	1					1				1												1	
Diphtheria	37	42			3	10	10	3	3	29	4	2	1			1						20	17
Erysipelas	9	2	2							2					3	2		1	1			6	3
Intermittent Fever																							
Influenza	8	4	2							2					1	1	1	3				2	6
Measles	3	1				2			1	3												1	2
Purpura	1																1						1
Puerperal Fever	3	1											2	1									3
Pyæmia	1											1											1
Remittent Fever																							
Rheumatism		1																					
Scarlatina	12	19			1	2	1		2	6	5	1										7	5
Small Pox		7																					
Syphilis (Congenital)	3	1	3							3													3
Syphilis		2																					
Septicæmia	8	5			1					1	1			2	2	2						5	3
Tonsillitis		2																					
Typhoid Fever	7	7						1		1	1	2	2			1						4	3
Typhus Fever																							
Whooping Cough	3	13		1	1		1			3												2	1
Yellow Fever																							
Other Zymotic Diseases																							
II. CONSTITUTIONAL.																							
Cancer	26	21												3	4	7	6	4	2			7	19
Hydrocephalus and Tuberc. Meningitis	18	17	1	4	4	4	2	3		18												12	6
Marasmus, Scrofula and Tabes Mesenterica	29	20	12	10	1	3	1			27		1					1					18	11
Phthisis Pulmonalis	108	125	1		1					2		8	34	35	18	9	2					56	52
Other Constitutional Diseases	15	21	1		1			1	1	4	1	1	1	5		2		1				10	5

SANITARY STATISTICS OF BOSTON, MASS.

APRIL, 1895.

STREET GRADES BY WARDS.		
Wards.	Highest Street Grade.	Lowest Street Grade.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37.04 Square miles.

" " " Acres, 23,707.

Miles of Streets, 449.50; paved 89.78; macadamized, 219.02; gravel, etc., 140.70.

Area of Parks 20,94 acres; Public Grounds 143 acres.

Number of Dwellings, (including tenement houses), 58,714.

" " Tenement Houses (four or more families), 3,329.

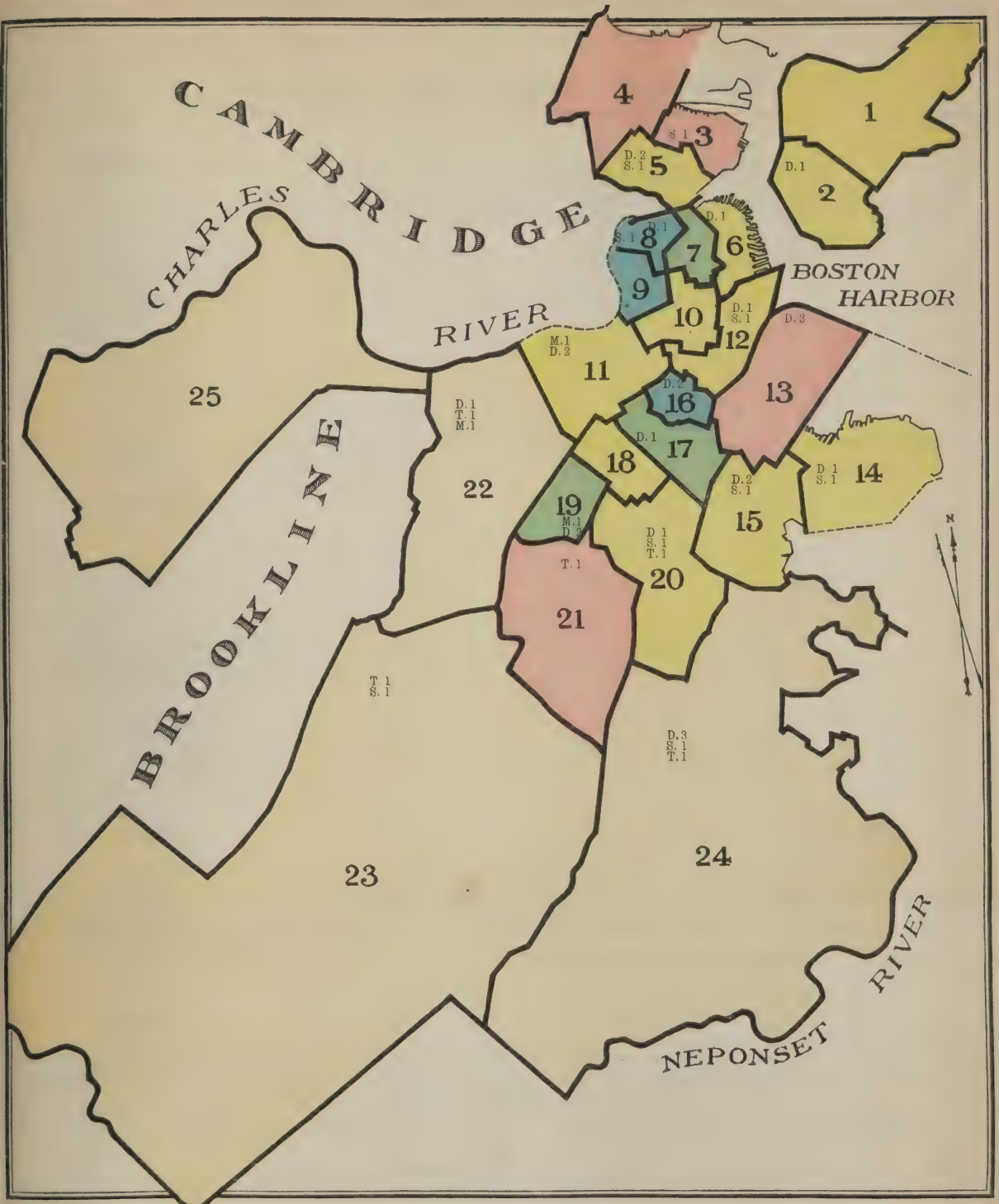
*Daily Consumption of Water, 46,575,800 gallons.

Daily Capacity of Water Supply, 50,000,000 "

Storage Reservoirs, 11.

Reservoir Capacity, 7.755,000,000 gallons.

*This does not include the Mystic which supplies Charlestown district and the cities of Chelsea, Somerville and Everett, of which the daily consumption is 10,282,100 gallons.



Symbols:

D — Diphtheria.

S — Scarlatina.

T — Typhoid Fever.

M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 13. S. — 3. T. — 2. M — .

* Including deaths at Mass. Gen. Hospital.

Under 20 inhabitants to a square acre.

From 33 to 49 " " "

" 52 to 80 " " "

" 111 to 123 " " "

" 151 to 213 " "

# of April, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for April, 1895.	Total Mortality for April, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	24	29	1							1				1	4	3	7	6	2			12	12
Bright's Disease	9	8											3	1	2		1	2				3	6
Bronchitis	47	44	6	7	5	5	1	3	1	28	1	1	1	3	2	3	3	3	1	1		20	27
Heart Disease	80	87	1							1	2		6	10	7	12	18	19	4	1		43	37
Meningitis	28	27	1	1	7	4	1	2		16	5			3	1	3						14	14
Nephritis	17	24	1			1				2		1	4	2	2	4	1	1				8	9
Pleurisy	1	1													1							1	
Pneumonia	155	116	5	10	11	15	3	3	1	48	1	3	11	20	21	17	18	10	6			93	62
Other Local Diseases	116	150	10	4	6	2	3	1	1	27	1	4	7	14	14	9	17	16	7			57	59
IV. DEVELOPMENTAL.																							
Cyanosis	1	3				1				1													1
Inanition	4	5	4							4												1	3
Old Age	16	23																6	6	4		6	10
Premature Birth	18	19	18							18												13	5
Puerp'l Diseases (not including Puerp'l Fever)	6	9										1	1	4									6
Other Developmental Diseases	24	29	12		1	1				14	1				4		2	1	2			8	16
V. VIOLENT.																							
Accidental	33	28		2		1	1	1	1	6	1	5	4	4	5	3	3	2				24	9
Homicidal	1	1									1												1
Suicidal	8	6										1	1	3		3						7	1
Other Violent Causes	5	1		1						1				3		1							5
Unknown Causes	5		1		1	1				3		1					1					1	4
Total from all Causes	900	940	83	40	44	55	26	18	11	277	26	33	81	115	91	83	82	75	31	6		469	431
Total from Zymotic Diseases	106	126	8	1	6	17	14	4	6	56	12	6	8	4	6	7	2	4	1			55	51
Including Tubercular Diseases	242	285																					
Total from Constitutional Diseases	196	204	15	14	7	7	3	4	1	51	1	10	35	43	22	18	9	5	2			103	93
" " Local do.	477	486	25	22	29	27	8	9	3	123	10	9	32	54	54	51	65	57	20	2		251	226
" " Developmental do.	69	88	34		1	2				37	1	1	1	4	4		2	7	8	4		28	41
" " Violent Causes	47	36		3		1	1	1	1	7	2	6	5	10	5	7	3	2				31	16

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of April, 1895, and for the corresponding month in 1894.

CASES REPORTED DURING APRIL, 1895.	City.	Quarantine.	CASES REPORTED DURING APRIL, 1894.	City.	Quarantine.
Diphtheria	191	....	Diphtheria	140	....
Measles	630	....	Measles	49	3
Small Pox	....	....	Small Pox	15	....
Scarlatina	139	....	Scarlatina	199	....
Typhoid Fever	31	..	Typhoid Fever	48	....
Typhus Fever	....	....	Typhus Fever	....	...
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of April, 1895, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	29.79	37	41	W.	T
2	29.63	38	85	E.	T
3	29.56	40	68	N.W.	.40
4	29.90	37	52	W.	.00
5	30.18	40	40	N.W.	.00
6	30.38	42	61	W.	.00
7	30.39	39	80	S.W.	T
8	30.07	49	85	S.E.	T
9	29.37	54	92	S.	.86
10	29.74	44	54	N.W.	.10
11	30.56	37	25	N.W.	.00
12	30.60	43	58	S.W.	.00
13	30.08	50	85	S.	.06
14	29.69	46	100	E.	1.63
15	29.75	44	89	N.	.07
16	30.12	39	78	N.	.06
17	30.12	44	44	N.	.00
18	30.08	46	63	N.E.	.00
19	29.92	50	50	E.	.00
20	30.12	46	67	E.	T
21	30.17	50	50	E.-W.	.00
22	29.98	52	69	S.W.	.19
23	29.86	54	54	W.	.02
24	30.03	53	46	S.W.	.00
25	29.97	66	58	S.W.	T
26	30.21	54	64	E.	.00
27	30.28	44	86	N.E.	.14
28	30.39	42	89	N.E.	.01
29	30.37	44	83	E.	.00
30	30.20	58	88	S.E., S.W.	.11
TOTALS	—	—	—	—	3.65
MEANS	30.05	46	67	E.	.121

GENERAL ITEMS.

Mean Barometer, 30.05.
Highest Barometer, 30.72, on the 12th.
Lowest Barometer, 29.28, on the 9th.
Monthly Range of Barometer, 1.44.
Mean Temperature, 46.0.
Highest Temperature, 80.0, on the 25th.
Lowest Temperature, — 27, on the 11th.
Monthly Range of Temperature, 53.0.
Greatest Daily Range of Temperature, 28.0 on the 25th.
Least Daily Range of Temperature, 5.0 on the 28th.
Mean Daily Range of Temperature, 16.0.
Mean Daily Dew-point, 34.0.
Mean Daily Relative Humidity, 67.0.
Prevailing Direction of Wind, East.
Total Movement of Wind, 7,756 Miles.
Highest Velocity of Wind and Direction, 43 miles S.E. on the 9th.
Number of Foggy Days, 2. Number of Fair Days, 7.
Number of Clear Days, 7. Number of Cloudy Days, 16.
Total Number of Days on which Rain or Snow fell, 12. (.01 or more.)
Depth of unmelted Snow on ground at end of month, 0.
Dates of Auroras, 0.
Dates of Solar Halos, 6th.
Dates of Lunar Halos, 0.
Thunder storm, 25th. Dates of Frosts, 0.
Mean Max. Temp., 53.8. Mean Min. Temp., 38.1.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	47	1871	3.79 In.
1872	45	1872	1.31
1873	47	1873	3.83
1874	37	1874	7.97
1875	42	1875	4.92
1876	43	1876	3.61
1877	44	1877	4.19
1878	47	1878	6.14
1879	42	1879	6.58
1880	46	1880	2.85
1881	43	1881	1.66
1882	42	1882	2.50
1883	44	1883	2.83
1884	43	1884	4.76
1885	46	1885	3.30
1886	48	1886	1.70
1887	44	1887	2.62
1888	42	1888	2.04
1889	48	1889	3.07
1890	46	1890	2.29
1891	48	1891	1.71
1892	48	1892	0.93
1893	44	1893	3.13
1894	47	1894	3.78
1895	46	1895	3.65

Average monthly temperature for 25 years, 45.0. Average monthly precipitation, April, for 25 years, 3.41. *T indicates trace of precipitation.

3761.9

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

X

Statement of Deaths for the month of May, 1895.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of May, 1895, ... 891

Population estimated at 501,107. Rate per 1,000 inhabitants, 21.33

Total number	891
SEX.	
Males	474
Females	417
CONDITION.	
Married	280
Single	476
Widows	90
Widowers	39
Unknown	6
COLOR.	
White	964
Colored	27
Total deaths of children: Under 1 year	173
Total deaths of children: Under 2 years	227
Total deaths of children: Under 5 years	273
Diarrhœal diseases: Under 1 year	6
Diarrhœal diseases: Under 2 years	7
Diarrhœal diseases: Under 5 years	7
Diarrhœal diseases: All ages	9

NATIVITY.	
United States	594
Ireland	160
England	24
Scotland	4
Germany	16
British America	57
Italy	7
Russia	4
Other Countries	18
Unknown	7
PARENTAGE	
United States	209
Irish	298
English	31
Scotch	12
German	24
British American	39
Italian	21
Russian	20
Other Countries	60
Mixed	73
Unknown	104
Still-births during the month	41

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for May, 1895.	Total Mortality for May, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	5	2											2	1	2							4	1
Croup	3	1				1	1		1	3												2	1
Carbuncle																							
Cholera Morbus																							
Cholera Infantum	4	3		2	1	1				4												3	1
Cerebro-spinal Meningitis	1	1			1					1													1
Congestive Fever																							
Diarrhœa	5	3	2		1					3								2				4	1
Dysentery		1																					
Diphtheria	32	58				9	6	2	4	21	7	2			1	1						13	19
Erysipelas	2	3											1					1				2	
Intermittent Fever		2																					
Influenza	6	2											1			2	1	1	1			2	4
Measles	2	1				1				1	1											1	1
Purpura		1																					
Puerperal Fever	2	1											2										2
Pyæmia		1																					
Remittent Fever																							
Rheumatism	4												1		1		1		1			1	3
Scarlatina	14	21				1	1	4	4	10	4											5	9
Small Pox																							
Syphilis (Congenital)	2	4	1	1						2												2	
Syphilis	1	2												1									1
Septicæmia	3											1		1	1							2	1
Tonsillitis																							
Typhoid Fever	11	7										1	2	4	4							9	2
Typhus Fever																							
Whooping Cough	3	8	1			1				2	1											2	1
Yellow Fever																							
Other Zymotic Diseases		3																					
II. CONSTITUTIONAL.																							
Cancer	26	34												2	3	8	4	5	4			8	18
Hydrocephalus and Tuberc. Meningitis	24	17	2	2	5	6	6	1		22	1			1								11	13
Marasmus, Scrofula and Tabes Mesenterica	20	29	7	7	3	2				19				1								6	14
Phthisis Pulmonalis	127	126			2	1				3		11	40	33	22	9	4	4	1			61	66
Other Constitutional Diseases	29	14	1	1	1	4	1			8	2	3	7	4	3		2					16	13

SANITARY STATISTICS OF BOSTON, MASS.

MAY, 1895.

STREET GRADES BY WARDS.		
Wards.	Highest Street Grade.	Lowest Street Grade.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37.04 Square miles.

" " " Acres, 23,707.

Miles of Streets, 449.50; paved 89.78; macadamized, 219.02; gravel, etc., 140.70.

Area of Parks 20,94 acres; Public Grounds 143 acres.

Number of Dwellings, (including tenement houses), 58,714.

" " Tenement Houses (four or more families), 3,329.

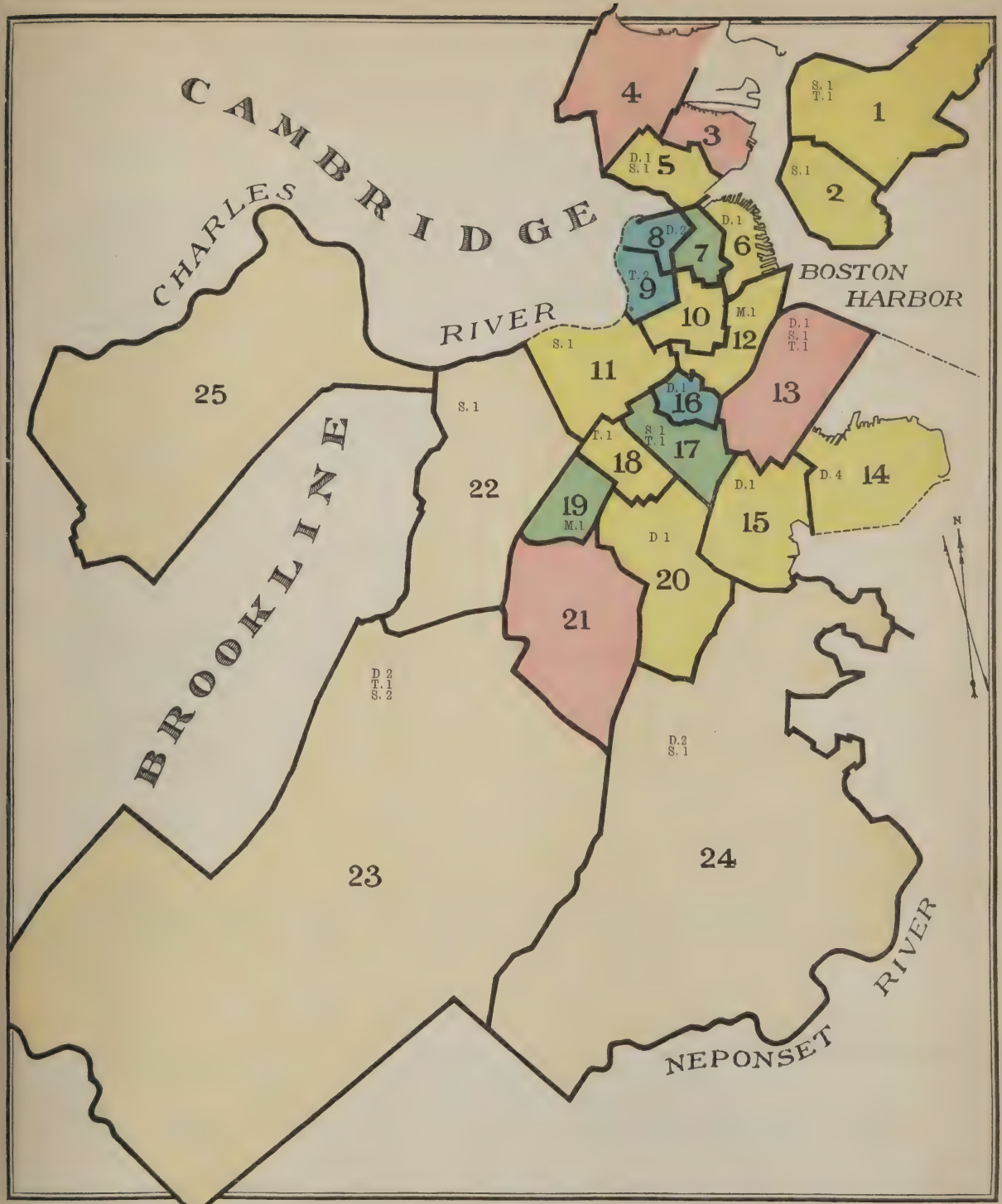
*Daily Consumption of Water, 46,575,800 gallons.

Daily Capacity of Water Supply, 50,000,000 "

Storage Reservoirs, 11.

Reservoir Capacity, 7.755,000,000 gallons.

*This does not include the Mystic which supplies Charlestown district and the cities of Chelsea, Somerville and Everett, of which the daily consumption is 10,282,100 gallons.



Symbols:

D — Diphtheria.

S — Scarlatina.

T — Typhoid Fever.

M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 16. S. — 4. T. — 4. M — . }

* Including deaths at Mass. Gen. Hospital.

Under 20 inhabitants to a square acre.

From 33 to 49 " " "

" 52 to 80 " " "

" 111 to 123 " " "

" 151 to 213 " "

# of May, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for May, 1895.	Total Mortality for May, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	31	36	2		1					3			3	1	5	4	5	4	6			15	16
Bright's Disease	7	12													3	3		1				3	4
Bronchitis	40	33	5	5	6	6		1		23			1	2	2	1	5	3	2	1		19	21
Heart Disease	73	61	2							2	3	2	4	7	5	13	12	16	8	1		40	33
Meningitis	22	24	4	1	5	5	1	1		17	1	1	1		2							11	11
Nephritis	21	21			1					1			4	2	3	6		4	1			13	8
Pleurisy	1														1								1
Pneumonia	106	85	6	2	15	10	2	3		38	2	2	6	9	21	10	8	9	1			70	36
Other Local Diseases	132	124	10	5	6	5	3	2	1	32	4	8	6	15	18	12	22	12	2	1		71	61
IV. DEVELOPMENTAL.																							
Cyanosis	1	1	1							1												1	
Inanition	4	5	4							4												3	1
Old Age	15	13																4	8	3		8	7
Premature Birth	20	21	20							20												10	10
Puerp'l Diseases (not including Puerp'l Fever)	2	4										1		1									2
Other Developmental Diseases	27	26	19		2					21					1		2	2	1			15	12
V. VIOLENT.																							
Accidental	35	36	3					1		4	1	1	12	5	5	3	2	2				26	9
Homicidal	3	2	1							1	1			1								1	2
Suicidal	11	9											2	1	4	4						9	2
Other Violent Causes	5	8										1			2	1		1					5
Unknown Causes	9	2	4	1	1	1				7			1	1								5	4
Total from all Causes	891	868	95	27	51	54	21	15	10	273	28	34	96	93	109	77	68	71	36	6		474	417
Total from Zymotic Diseases	100	125	4	3	3	14	8	6	9	47	13	4	9	7	9	3	2	4	2			52	48
Including Tubercular Diseases	267	278																					
Total from Constitutional Diseases	226	220	10	10	11	13	7	1		52	3	14	47	41	28	17	10	9	5			102	124
" " Local do.	435	396	29	13	34	26	6	7	1	116	10	13	25	36	60	49	52	49	20	3		242	191
" " Developmental do.	69	70	44		2					46		1		1	1		2	6	9	3		37	32
" " Violent Causes	54	55	4					1		5	2	2	14	7	11	8	2	3				36	18

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of May, 1895, and for the corresponding month in 1894.

CASES REPORTED DURING MAY, 1895.	City.	Quarantine.
Diphtheria	221	....
Measles	495	....
Small Pox	....	....
Scarlatina	137	...
Typhoid Fever	46	1
Typhus Fever	...	....
Yellow Fever	....	....

CASES REPORTED DURING MAY, 1894.	City.	Quarantine.
Diphtheria	187	....
Measles	96	..
Small Pox	2	....
Scarlatina	266	....
Typhoid Fever	51	....
Typhus Fever	...	...
Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of May, 1895, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	30.45	44	54	N.E.	.00
2	30.33	50	56	S.	.00
3	30.17	63	77	S.W.	.00
4	30.12	70	83	S.W.	T
5	30.36	44	97	N.E.	.38
6	30.26	62	70	S.W.	T
7	30.14	73	72	S.W.	.00
8	30.00	75	68	S.W.	.00
9	29.89	76	69	W.	T
10	29.90	76	44	N.W.	.00
11	29.75	79	62	S.	.00
12	29.66	64	80	S.	.98
13	29.93	50	58	N.W.	.14
14	30.04	44	72	E.	.00
15	29.82	49	78	N.	.59
16	29.95	52	46	W.	T
17	30.11	54	42	W.	.00
18	30.14	44	76	N.E.	.24
19	30.17	48	72	S.	.00
20	30.08	56	52	W.	.00
21	30.17	54	66	N.W.	.01
22	30.12	51	70	S.W.	.00
23	30.08	60	41	W.	.00
24	30.15	70	42	W.	.00
25	30.19	67	60	S.W.	.00
26	29.86	58	95	E.	.12
27	29.68	64	86	S.	.25
28	29.91	57	64	W.	.00
29	30.02	66	58	W.	.00
30	29.96	68	60	E.	.00
31	29.86	78	60	N.W.	.00
TOTALS	—	—	—	—	2.71
MEANS	30.04	60.2	65.2	S.W.	.087

GENERAL ITEMS.

Mean Barometer, 30.04.
Highest Barometer, 30.49, on the 1st.
Lowest Barometer, 29.62, on the 27th.
Monthly Range of Barometer, .867.
Mean Temperature, 60.2.
Highest Temperature, 90.0, on the 31st.
Lowest Temperature, — 36, on the 2d.
Monthly Range of Temperature, 54.0.
Greatest Daily Range of Temperature, 39.0 on the 6th.
Least Daily Range of Temperature, 5.0 on the 5th.
Mean Daily Range of Temperature, 19.5.
Mean Daily Dew-point, 46.4.
Mean Daily Relative Humidity, 65.2.
Prevailing Direction of Wind, S.W.
Total Movement of Wind, 7,988 Miles.
Highest Velocity of Wind and Direction, 31 miles N.E. on the 1st.
Number of Foggy Days, 0. Number of Fair Days, 10.
Number of Clear Days, 9. Number of Cloudy Days, 12.
Total Number of Days on which Rain or Snow fell, 8.
Depth of unmelted Snow on ground at end of month, 0.
Dates of Auroras, 0.
Dates of Solar Halos, 4th, 14th, 20th, 28th.
Dates of Lunar Halos, 0.
Thunder storm, 4th. Dates of Frosts, 2d, 17th.
Mean Max. Temp., 69.9. Mean Min. Temp., 50.5.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	58	1871	4.54 In.
1872	58	1872	3.29
1873	56	1873	5.16
1874	57	1874	3.70
1875	58	1875	3.76
1876	54	1876	2.70
1877	55	1877	3.38
1878	56	1878	1.03
1879	60	1879	0.97
1880	63	1880	1.67
1881	55	1881	4.16
1882	49	1882	6.05
1883	56	1883	5.11
1884	54	1884	3.31
1885	52	1885	4.26
1886	56	1886	3.08
1887	59	1887	1.67
1888	52	1888	5.20
1889	60	1889	4.15
1890	57	1890	4.48
1891	56	1891	1.56
1892	56	1892	5.15
1893	56	1893	5.23
1894	58	1894	4.12
1895	60	1895	2.71

Average mean temperature for 25 years, 56.0. Average monthly precipitation, May, for 25 years, 3.62. *T indicates trace of precipitation.

*3761.9

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

7/12/95

Statement of Deaths for the month of June, 1895.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of June, 1895, ... 783

Population estimated at 501,107. Rate per 1,000 inhabitants, 18.75

Total number	783
SEX.	
Males	407
Females	376
CONDITION.	
Married	249
Single	411
Widows	75
Widowers	39
Unknown	9
COLOR.	
White	763
Colored	20

Total deaths of children	Under 1 year	120
	Under 2 years	160
	Under 5 years	211
Diarrhœal diseases	Under 1 year	6
	Under 2 years	8
	Under 5 years	8
	All ages	9

NATIVITY.	
United States	495
Ireland	144
Eng'and	26
Scotland	4
Germany	22
British America	52
Italy	12
Russia	8
Other Countries	14
Unknown	6
PARENTAGE.	
United States	166
Irish	266
English	24
Scotch	4
German	30
British American	38
Italian	14
Russian	20
Other Countries	65
Mixed	69
Unknown	87
Still-births during the month	58

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for June, 1895.	Total Mortality for June, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	8	7											1	2	2	1	2					4	4
Croup	4	4				2	1			3	1											1	3
Carbuncle																							
Cholera Morbus		2																					
Cholera Infantum	8	13	1	2	3	2				8												5	3
Cerebro-spinal Meningitis	2			1		1				2													2
Congestive Fever																							
Diarrhœa		4																					
Dysentery	1	2													1							1	
Diphtheria	43	43			1	11	6	2	4	24	15	4										29	14
Erysipelas	1																		1			1	
Intermittent Fever	1															1							1
Influenza	1																1					1	
Measles	5			1		1	2			4	1											5	
Purpura																							
Puerperal Fever	1	1													1								1
Pyæmia		2																					
Remittent Fever																							
Rheumatism	3	2											1	1			1					3	
Scarlatina	14	18			1		6	1		8	6											7	7
Small Pox																							
Syphilis (Congenital)	3	1	2		1					3												3	
Syphilis	3											1				1		1				2	1
Septicæmia	6	8			1					1	1		1	1		2						2	4
Tonsillitis																							
Typhoid Fever	8	4									1		4	1	1	1						5	3
Typhus Fever																							
Whooping Cough	2	7	1		1					2												1	1
Yellow Fever																							
Other Zymotic Diseases																							
II. CONSTITUTIONAL.																							
Cancer	37	22												5	7	10	7	6	2			9	28
Hydrocephalus and Tuberc. Meningitis	9	14	1		1	5	1		1	9												5	4
Marasmus, Scrofula and Tabes Mesenterica	20	34	13	2	2		1			18		1						1				9	11
Phthisis Pulmonalis	122	106		1	1	1	1	1		5		15	34	33	16	8	8	2	1			63	59
Other Constitutional Diseases	17	11		2	1	1				2		3	4	4	1	2	1					9	8

SANITARY STATISTICS OF BOSTON, MASS.

JUNE, 1895.

STREET GRADES BY WARDS.		
WARDS.	HIGHEST STREET GRADE.	LOWEST STREET GRADE.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37.04 Square miles.

" " " Acres, 23,707.

Miles of Streets, 449.50; paved 89.78; macadamized, 219.02; gravel, etc., 140.70.

Area of Parks 20,94 acres; Public Grounds 143 acres.

Number of Dwellings, (including tenement houses), 58,714.

" " Tenement Houses (four or more families), 3,329.

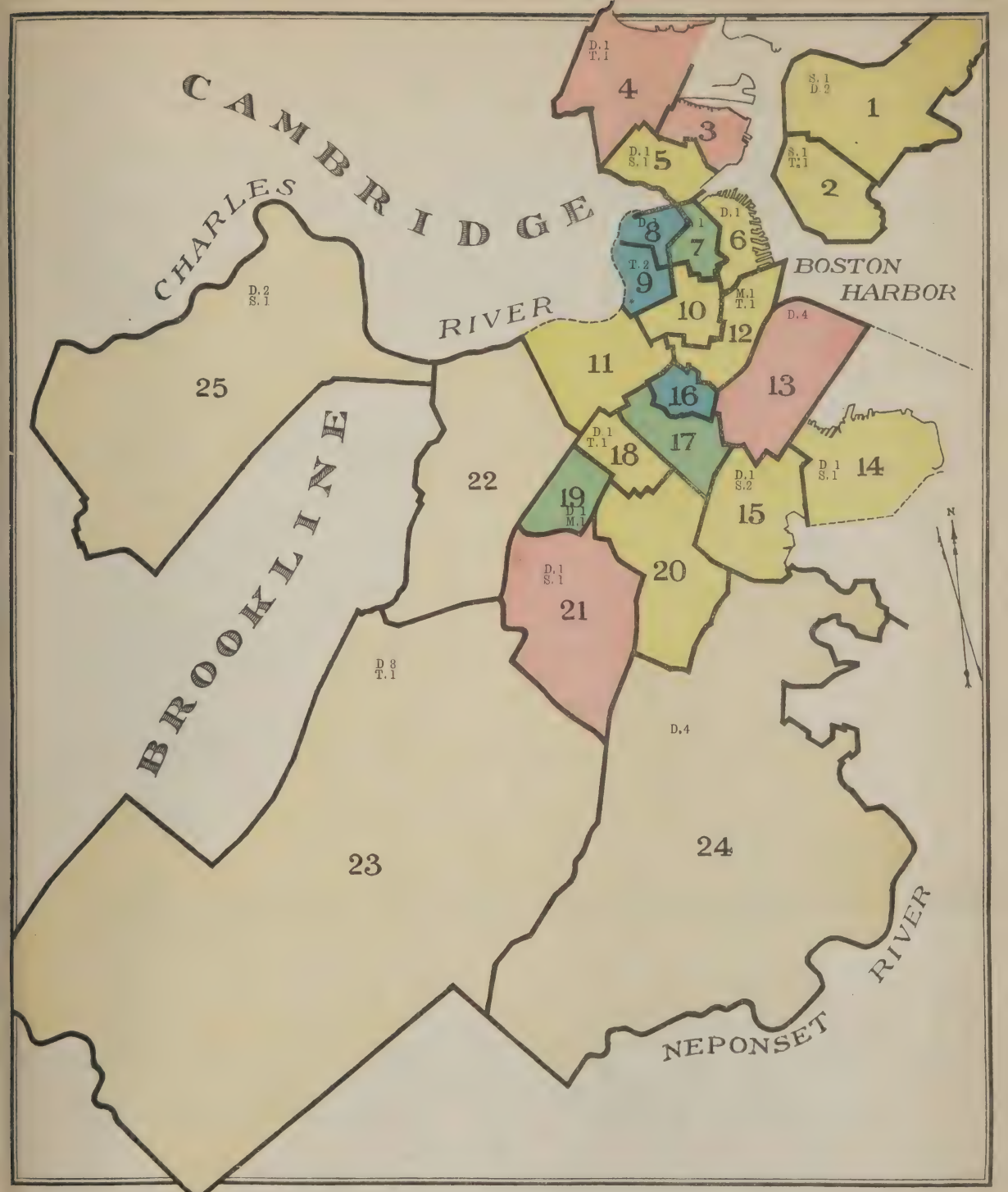
*Daily Consumption of Water, 46,575,800 gallons.

Daily Capacity of Water Supply, 50,000,000 "

Storage Reservoirs, 11.

Reservoir Capacity, 7.755,000,000 gallons.

*This does not include the Mystic which supplies Charlestown district and the cities of Chelsea, Somerville and Everett, of which the daily consumption is 10,282,100 gallons.



Symbols:

D — Diphtheria.

S — Scarlatina.

T — Typhoid Fever.

M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, D. — 14. S. — 5. T. — 2. M — .

* Including deaths at Mass. Gen. Hospital.

Under 20 inhabitants to a square acre.

From 33 to 49 " " "

" 52 to 80 " " "

" 111 to 123 " " "

" 151 to 213 " "

# of June, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for June, 1895.	Total Mortality for June, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	25	31					2		1	3			1	4	3	2	4	6	2			11	14
Bright's Disease	20	12										2	1	6	2	4	2	3				13	7
Bronchitis	15	24		1	4	2		1	1	9		1		1		1	1	2				8	7
Heart Disease	63	65									1	1	6	7	11	10	16	9	2			31	32
Meningitis	20	19	1	2	4	4	1	4		16		1	1	1		1						8	12
Nephritis	16	18										1	1	1	5	2	6					8	8
Pleurisy																							
Pneumonia	66	59		3	13	2	5	2	1	26	1	2	2	9	5	9	9	2	1			34	32
Other Local Diseases	112	141	9	5	6	5		1	1	27	3	3	11	11	12	10	18	13	4			57	55
IV. DEVELOPMENTAL.																							
Cyanosis	1	1	1							1												1	
Inanition	1	3	1							1													1
Old Age	20	16														1		9	10			9	11
Premature Birth	13	17	13							13												3	10
Puerp'l Diseases (not including Puerp'l Fever)	5	7											3	2									5
Other Developmental Diseases	21	22	13	1	2	1				17			1		1		1		1			10	11
V. VIOLENT.																							
Accidental	46	33	1	1		2		3	1	8	2	2	8	9	6	6	3	1	1			33	13
Homicidal	5	1										1	2		1		1					5	
Suicidal	8	3												1	2	1	3	1				8	
Other Violent Causes	3	4											1	1		1							3
Unknown Causes	4	3	1							1				1	1				1			3	1
Total from all Causes	783	784	58	20	42	40	26	15	10	211	32	38	83	101	78	74	84	56	26			407	376
Total from Zymotic Diseases	114	118	4	4	8	17	15	3	4	55	25	5	7	5	5	6	4	1	1			70	44
Including Tubercular Diseases	278	252																					
Total from Constitutional Diseases	205	187	14	3	5	7	3	1	1	34		19	38	42	24	20	16	9	3			95	110
" " Local do.	337	369	10	11	27	13	8	8	4	81	5	11	23	40	38	39	56	35	9			170	167
" " Developmental do.	61	66	28	1	2	1				32			4	2	1	1	1	9	11			23	38
" " Violent Causes	62	41	1	1		2		3	1	8	2	3	11	11	9	8	7	2	1			46	16

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of June, 1895, and for the corresponding month in 1894.

CASES REPORTED DURING JUNE, 1895.	City.	Quarantine.
Diphtheria	327	....
Measles	392	....
Small Pox	....	....
Scarlatina	123	....
Typhoid Fever	33	....
Typhus Fever	....	....
Yellow Fever	....	....

CASES REPORTED DURING JUNE, 1894.	City.	Quarantine.
Diphtheria	167	....
Measles	83	..
Small Pox	....	....
Scarlatina	205	....
Typhoid Fever	34	....
Typhus Fever	...	....
Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of June, 1895, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
[illegible]	29.92	72	66	N.-E.	.03
[illegible]	29.83	82	42	W.	.04
[illegible]	30.04	56	78	N.E.-E.	.09
[illegible]	30.19	54	87	E.	.04
[illegible]	30.04	64	92	S.	T
[illegible]	29.98	70	70	W.-N.W.	.15
[illegible]	30.27	60	71	E.	.00
[illegible]	30.31	58	40	N.E.	.00
[illegible]	30.24	59	68	E.	.00
10	30.21	66	66	E.	.00
11	30.22	76	77	S.W.	.00
12	30.08	64	78	S.W.	.00
13	29.84	74	76	S.W.	.00
14	29.76	76	58	W.	T
15	30.04	70	56	W.-N.W.	T
16	30.45	64	73	E.	.00
17	30.33	70	62	S.W.	.00
18	30.14	70	53	S.W.	.00
19	30.02	66	77	E.	.00
20	30.02	64	90	E.	.00
21	30.05	68	81	E.	.00
22	30.01	70	82	S.	T
23	29.93	70	82	S.W.	.00
24	29.95	70	68	E.	.00
25	30.02	65	87	E.	.22
26	30.10	61	91	E.	.00
27	30.11	60	93	E.	.21
28	30.12	62	95	E.	.90
29	30.19	66	96	E	.00
30	30.09	65	96	N.E.	.05
TOTALS	—	—	—	—	1.73
MEANS	30.08	67	74.9	E.	.057

GENERAL ITEMS.

Mean Barometer, 30.08.
Highest Barometer, 30.46, on the 16th.
Lowest Barometer, 29.74, on the 14th.
Monthly Range of Barometer, 0.718.
Mean Temperature, 67.0.
Highest Temperature, 96.0, on the 2d.
Lowest Temperature, — 50, on the 8th.
Monthly Range of Temperature, 46.0.
Greatest Daily Range of Temperature, 27.0 on the 2d.
Least Daily Range of Temperature, 3.0 on the 27th.
Mean Daily Range of Temperature, 13.4.
Mean Daily Dew-point, 57.3.
Mean Daily Relative Humidity, 74.9.
Prevailing Direction of Wind, East.
Total Movement of Wind, 6,309 Miles.
Highest Velocity of Wind and Direction, 30 miles S.W. on the 5th.
Number of Foggy Days, 1. Number of Fair Days, 6.
Number of Clear Days, 13. Number of Cloudy Days, 11.
Total Number of Days on which Rain or Snow fell, 13.
Depth of unmelted Snow on ground at end of month, 0.
Dates of Auroras, 0.
Dates of Solar Halos, 8th.
Dates of Lunar Halos, 0.
Thunder storm, 1st, 13th. Dates of Frosts, 0.
Mean Max. Temp., 73.5. Mean Min. Temp., 60.0.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	66	1871	5.55 In.
1872	68	1872	4.84
1873	68	1873	0.54
1874	66	1874	3.94
1875	67	1875	7.25
1876	68	1876	1.72
1877	67	1877	3.21
1878	64	1878	2.28
1879	64	1879	6.24
1880	67	1880	0.75
1881	61	1881	7.79
1882	66	1882	1.03
1883	69	1883	2.07
1884	66	1884	4.01
1885	66	1885	3.70
1886	63	1886	1.34
1887	64	1887	1.98
1888	67	1888	2.69
1889	68	1889	2.77
1890	64	1890	2.21
1891	65	1891	3.06
1892	70	1892	3.05
1893	65	1893	2.20
1894	69	1894	0.80
1895	67	1895	1.73

Average mean temperature for 25 years, 66.0. Average monthly precipitation, June, for 25 years, 3.06. *T indicates trace of precipitation.

3761.4

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of July, 1895.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of July, 1895, ... 918

Population by State Census 494,205. Rate per 1,000 inhabitants, 22.29

Total number	918
SEX.	
Males	462
Females	456
CONDITION.	
Married	221
Single	588
Widows	69
Widowers	34
Unknown	6
COLOR.	
White	901
Colored	17
Total deaths of children: Under 1 year	290
Total deaths of children: Under 2 years	350
Total deaths of children: Under 5 years	406
Diarrhœal diseases: Under 1 year	111
Diarrhœal diseases: Under 2 years	136
Diarrhœal diseases: Under 5 years	138
Diarrhœal diseases: All ages	149

NATIVITY.	
United States	664
Ireland	133
England	20
Scotland	8
Germany	2
British America	49
Italy	11
Russia	5
Other Countries	14
Unknown	12
PARENTAGE.	
United States	195
Irish	297
English	23
Scotch	12
German	21
British American	59
Italian	28
Russian	18
Other Countries	86
Mixed	97
Unknown	82
Still-births during the month	56

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for July, 1885.	Total Mortality for July, 1884.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	8	9											1	4	2	1						4	4
Croup	1	4			1					1													1
Carbuncle																							
Cholera Morbus	3	2												1	1				1				3
Cholera Infantum	127	251	19	33	50	22	1		1	126	1											58	69
Cerebro-spinal Meningitis		1																					
Congestive Fever																							
Diarrhœa	14	18	4	5		1				10			1		1		1	1				6	8
Dysentery	5	8				2				2			1					1	1			2	3
Diphtheria	40	41			3	4	7	5	8	27	11	1	1									25	15
Erysipelas	4	1												2		1			1			2	2
Intermittent Fever																							
Influenza	3												1		1		1					3	
Measles	2				1		1			2												1	1
Purpura	1				1					1												1	
Puerperal Fever																							
Pyæmia																							
Remittent Fever																							
Rheumatism	2	5																2				1	1
Scarlatina	9	14			1		2	1	1	5	3	1										5	4
Small Pox																							
Syphilis (Congenital)	1	1		1						1													1
Syphilis																							
Septicæmia	2	1											1		1								2
Tonsillitis																							
Typhoid Fever	9	4									3	1	2	2	1							6	3
Typhus Fever																							
Whooping Cough	5	8	2		2	1				5												4	1
Yellow Fever																							
Other Zymotic Diseases	1						1			1													1
II. CONSTITUTIONAL.																							
Cancer	32	44												2	10	7	9	4				14	18
Hydrocephalus and Tuberc. Meningitis	20	14		2	5	2	4	1	1	15	3	1	1									10	10
Marasmus, Scrofula and Tabes Mesenterica	33	38	13	7	6	5	1			32							1					16	17
Phthisis Pulmonalis	91	111				1				1	1	14	31	17	17	4	3	3				47	44
Other Constitutional Diseases	25	21		2	1	4		1	1	9	1	2	5	4	1	1	2					11	14

SANITARY STATISTICS OF BOSTON, MASS.

JULY, 1895.

STREET GRADES BY WARDS.		
Wards.	Highest Street Grade.	Lowest Street Grade.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37.04 Square miles.

" " " Acres, 23,707.

Miles of Streets, 449.50; paved 89.78; macadamized, 219.02; gravel, etc., 140.70.

Area of Parks 20,94 acres; Public Grounds 143 acres.

Number of Dwellings, (including tenement houses), 58,714.

" " Tenement Houses (four or more families), 3,329.

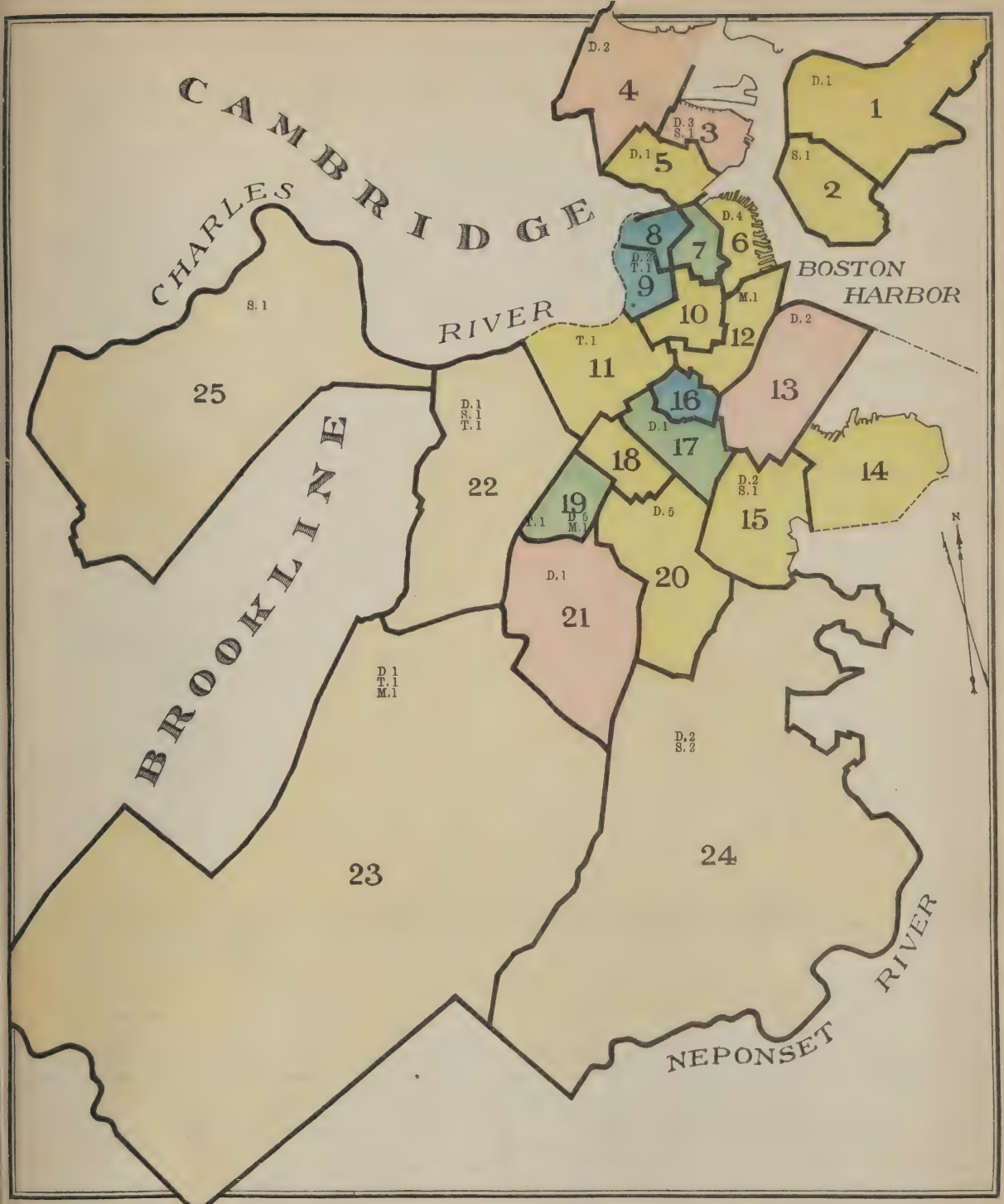
*Daily Consumption of Water, 46,575,800 gallons.

Daily Capacity of Water Supply, 50,000,000 "

Storage Reservoirs, 11.

Reservoir Capacity, 7.755,000,000 gallons.

*This does not include the Mystic which supplies Charlestown district and the cities of Chelsea, Somerville and Everett, of which the daily consumption is 10,282,100 gallons.



Symbols:

D — Diphtheria.

S — Scarlatina.

T — Typhoid Fever.

M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D.— 7. S.— 2. T.— 4. M— . }

* Including deaths at Mass. Gen. Hospital.

	Under 20 inhabitants to a square acre.
	From 33 to 49 " " "
	" 52 to 80 " " "
	" 111 to 123 " " "
	" 151 to 213 " " "

# of July, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for July, 1895.	Total Mortality for July, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	25	32											2	1	2	8	7	4	1			10	15
Bright's Disease	6	11										1	1		2	2						2	4
Bronchitis	17	24	3	2	5	1				11					1	1	1	2	1			11	6
Heart Disease	51	75										3	6	8	4	9	7	10	4			20	31
Meningitis	22	38	2		5	4	2	1	1	15	2			1	2	1	1					10	12
Nephritis	12	20							1	1		2	2		1	2	3	1				9	3
Pleurisy	3												3									1	2
Pneumonia	51	34	2	3	6	3	4	2		20	3	1	5	9	5	2	4	2				25	26
Other Local Diseases	165	205	25	14	16	8	2	2		67	3	4	12	16	16	16	11	14	4	2		82	83
IV. DEVELOPMENTAL.																							
Cyanosis	1				1					1													1
Inanition	8	7	8							8												4	4
Old Age	17	18																8	8	1		3	14
Premature Birth	14	13	14							14												9	5
Puerp'l Diseases (not including Puerp'l Fever)	5	3											1	3	1								5
Other Developmental Diseases	24	19	16		2					18		1	1		1		2	1				16	8
V. VIOLENT.																							
Accidental	43	40	3		1	1		2	2	9	3	4	7	9	4	3	4					35	8
Homicidal	3	3										1	1		1							2	1
Suicidal	5	8											1	1	2	1						3	2
Other Violent Causes	2	2											1		1							1	1
Unknown Causes	6	2	3			1				4				1		1						3	3
Total from all Causes	918	1150	114	69	107	60	25	15	16	406	34	37	88	81	78	60	57	53	21	3		462	456
Total from Zymotic Diseases	237	298	25	39	59	30	12	6	10	181	18	3	8	9	7	2	2	4	3			118	119
Including Tubercular Diseases	394	540																					
Total from Constitutional Diseases	201	228	13	11	12	12	5	2	2	57	5	17	37	23	28	12	15	7				98	103
" " Local do.	352	439	32	19	32	16	8	5	2	114	8	11	31	35	33	41	34	33	10	2		170	182
" " Developmental do.	69	60	38		3					41		1	2	3	2		2	9	8	1		32	37
" " Violent Causes	53	53	3		1	1		2	2	9	3	5	10	10	8	4	4					41	12

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of July, 1895, and for the corresponding month in 1894.

CASES REPORTED DURING JULY, 1895.	City.	Quarantine.	CASES REPORTED DURING JULY, 1894.	City.	Quarantine.
Diphtheria	268	....	Diphtheria	139	....
Measles	184	....	Measles	47	....
Small Pox	....	....	Small Pox	....	....
Scarlatina	94	....	Scarlatina	109	....
Typhoid Fever	76	....	Typhoid Fever	48	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of July, 1895, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	29.92	72	68	N.	.05
2	30.13	64	56	N.W.-E.	.00
3	30.16	68	51	E.	.00
4	29.89	64	82	N.E.	.31
5	30.03	68	84	S.	.04
6	29.86	69	88	S.	.30
7	29.82	74	88	S.W.	.00
8	29.82	76	81	S.W.	.00
9	29.77	74	88	S.W.	.91
10	30.02	68	58	N.W.	.00
11	30.16	62	60	N.W.	.00
12	30.13	68	64	W.	.00
13	29.99	64	80	S.W.	.28
14	30.01	64	80	N.	.39
15	30.06	64	75	E.	.00
16	30.00	64	95	E.	.03
17	29.95	63	95	N.	.01
18	29.94	72	58	N.W.	.00
19	30.10	71	64	N.W.	.00
20	30.05	74	77	W.	T
21	29.93	74	76	S.W.	.00
22	29.89	76	82	N.W.	.17
23	29.95	76	64	N.W.	.00
24	29.98	72	52	W.	.00
25	29.78	73	71	S.-S.W.-W.	.00
26	29.86	71	60	W.	.00
27	29.91	70	64	S.	T
28	29.83	72	62	N.W.	.03
29	29.93	69	56	W.	.00
30	29.76	71	80	S.W.	.46
31	29.83	63	58	W.	.09
TOTALS	—	—	—	—	2.98
MEANS	29.95	69	72	N.W.	.096

GENERAL ITEMS.

Mean Barometer, 29.95.
Highest Barometer, 30.22, on the 3d.
Lowest Barometer, 29.74, on the 28th, 30th.
Monthly Range of Barometer, 0.48.
Mean Temperature, 69.0.
Highest Temperature, 85.0, on the 8th.
Lowest Temperature, — 54, on the 31st.
Monthly Range of Temperature, 31.0.
Greatest Daily Range of Temperature, 22.0 on the 19th.
Least Daily Range of Temperature, 6.0 on the 17th.
Mean Daily Range of Temperature, 15.3.
Mean Daily Dew-point, 58.0.
Mean Daily Relative Humidity, 72.0.
Prevailing Direction of Wind, N.W.
Total Movement of Wind, 6,973 Miles.
Highest Velocity of Wind and Direction, 30 miles N.E. on the 4th.
Number of Foggy Days, 0. Number of Fair Days, 11.
Number of Clear Days, 8. Number of Cloudy Days, 12.
Total Number of Days on which Rain or Snow fell, 14.
Depth of unmelted Snow on ground at end of month, 0.
Dates of Auroras, 0.
Dates of Solar Halos, 24th, 27th.
Dates of Lunar Halos, 7th.
Thunder storm, 13th, 14th, 22d, 30th. Dates of Frosts, 0.
Mean Max. Temp., 76.9. Mean Min. Temp., 61.7.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	71	1871	3.24 In.
1872	75	1872	4.00
1873	73	1873	3.84
1874	73	1874	3.47
1875	71	1875	3.93
1876	74	1876	5.86
1877	70	1877	2.87
1878	73	1878	4.58
1879	70	1879	3.09
1880	70	1880	6.86
1881	68	1881	2.96
1882	72	1882	3.91
1883	71	1883	2.73
1884	68	1884	4.25
1885	71	1885	1.44
1886	71	1886	1.81
1887	73	1887	3.59
1888	68	1888	1.79
1889	69	1889	5.80
1890	71	1890	1.93
1891	69	1891	3.73
1892	73	1892	2.56
1893	71	1893	1.72
1894	74	1894	3.09
1895	69	1895	2.98

Average mean temperature for 25 years, 71.0. Average monthly precipitation, July, for 25 years, 3.44. *T indicates trace of precipitation.

361.9

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of August, 1895.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of August, 1895, ... 1131

Population by State Census 494,205. Rate per 1,000 inhabitants, 27.46

Total number	1,131
SEX.	
Males	573
Females	558
CONDITION.	
Married	236
Single	781
Widows	63
Widowers	46
Unknown	5
COLOR.	
White	1,101
Colored	30
Total deaths of children: Under 1 year	456
Total deaths of children: Under 2 years	530
Total deaths of children: Under 5 years	575
Diarrhœal diseases: Under 1 year	172
Diarrhœal diseases: Under 2 years	197
Diarrhœal diseases: Under 5 years	200
Diarrhœal diseases: All ages	222

NATIVITY.	
United States	846
Ireland	140
England	20
Scotland	7
Germany	16
British America	55
Italy	9
Russia	8
Other Countries	16
Unknown	14
PARENTAGE.	
United States	243
Irish	330
English	28
Scotch	15
German	32
British American	76
Italian	32
Russian	40
Other Countries	103
Mixed	135
Unknown	97
Still-births during the month	63

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for August, 1895.	Total Mortality for August, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	4	2											1	2				1					4
Croup	5	5				1		3		4	1											1	4
Carbuncle																							
Cholera Morbus	9	11		2	2	1				5				1	1	1		1				7	2
Cholera Infantum	182	160	34	42	82	21	1	1	1	182												83	99
Cerebro-spinal Meningitis	1	4									1											1	
Congestive Fever																							
Diarrhœa	20	20		4	6	3				13					1	1	3	2				8	12
Dysentery	11	12										1		2	2	1	2		3			8	3
Diphtheria	43	60			2	11	5	4	2	24	16	3										29	14
Erysipelas	1		1							1													1
Intermittent Fever	1	1																1				1	
Influenza																							
Measles		2																					
Purpura																							
Puerperal Fever	1	1												1									1
Pyæmia		2																					
Remittent Fever																							
Rheumatism	1																1						1
Scarlatina	5	16					1	1		2	3											4	1
Small Pox																							
Syphilis (Congenital)	3	5	2		1					3												3	
Syphilis	1	1												1									1
Septicæmia	8	2											4	2	1			1				4	4
Tonsillitis	1						1			1													1
Typhoid Fever	26	18			1					1		6	11	5	2	1						13	13
Typhus Fever																							
Whooping Cough	4	17	1	2		1				4												1	3
Yellow Fever																							
Other Zymotic Diseases																							
II. CONSTITUTIONAL.																							
Cancer	36	29										1	2	1	11	8	11	2				9	27
Hydrocephalus and Tuberc. Meningitis	25	11	2	2	8	5	3	1	1	22	1		1	1								16	9
Marasmus, Scrofula and Tabes Mesenterica	81	56	40	24	9	1	1	1		76					1		2	1	1			43	38
Phthisis Pulmonalis	93	111	1		1	3	1			6		13	24	22	11	8	5	4				51	42
Other Constitutional Diseases	24	15		1	3	2				6	2	2	6	6	1		1					17	7

SANITARY STATISTICS OF BOSTON, MASS.

AUGUST, 1895.

STREET GRADES BY WARDS.		
WARDS.	HIGHEST STREET GRADE.	LOWEST STREET GRADE.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37.04 Square miles.

" " " Acres, 23,707.

Miles of Streets, 449.50; paved 89.78; macadamized, 219.02; gravel, etc., 140.70.

Area of Parks 20,94 acres; Public Grounds 143 acres.

Number of Dwellings, (including tenement houses), 58,714.

" " Tenement Houses (four or more families), 3,329.

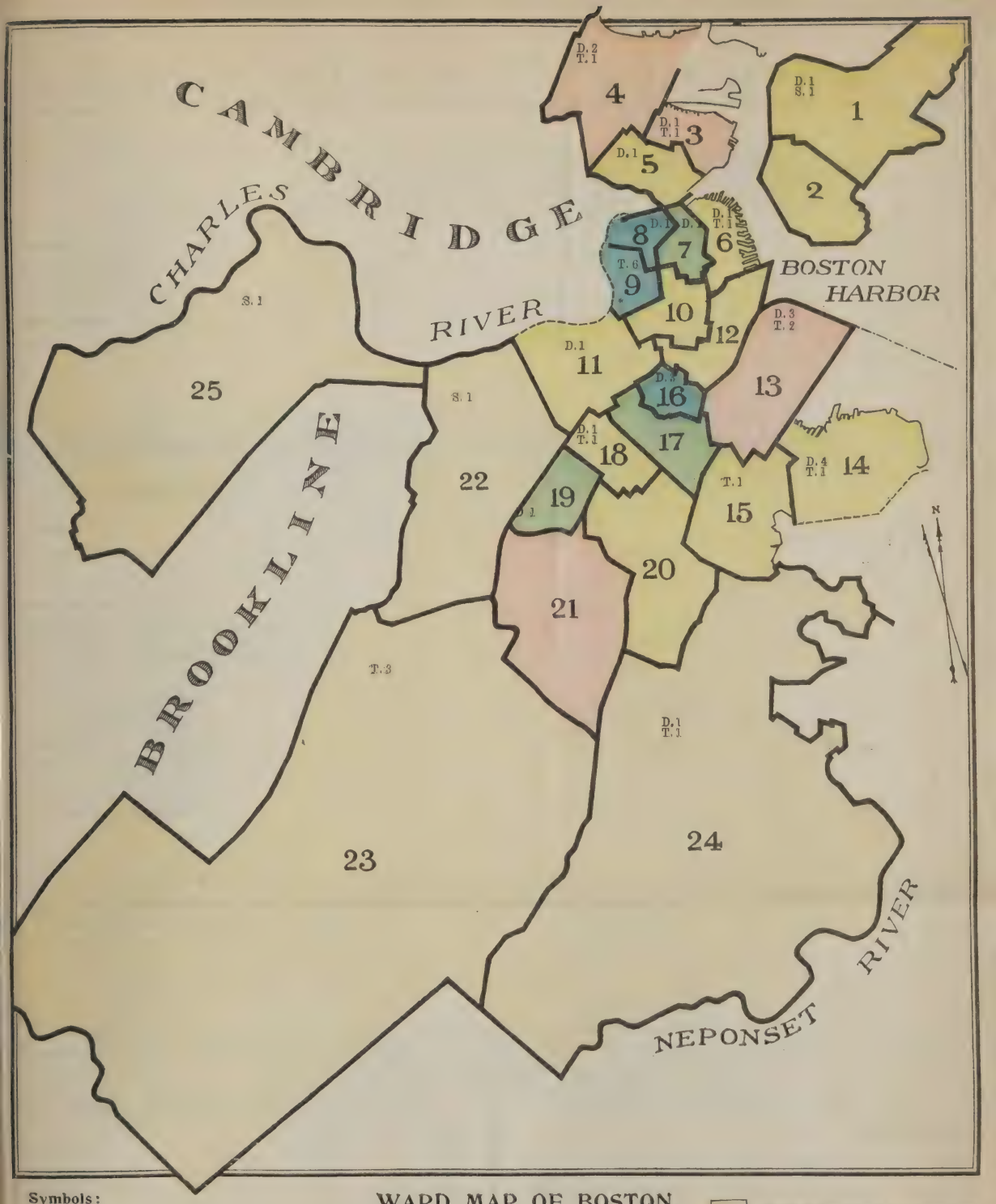
*Daily Consumption of Water, 46,575,800 gallons.

Daily Capacity of Water Supply, 50,000,000 "

Storage Reservoirs, 11.

Reservoir Capacity, 7,755,000,000 gallons.

*This does not include the Mystic which supplies Charlestown district and the cities of Chelsea, Somerville and Everett, of which the daily consumption is 10,282,100 gallons.



Symbols:

D — Diphtheria.

S — Scarlatina.

T — Typhoid Fever.

M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 21. S. — 2. T. — 8. M — .

* Including deaths at Mass. Gen. Hospital.

	Under 20 inhabitants to a square acre.
	From 33 to 49 " " "
	" 52 to 80 " " "
	" 111 to 123 " " "
	" 151 to 213 " " "

# of August, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for August, 1895.	Total Mortality for August, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	22	32	2							2			1	4	1	4	5	4		1		11	11
Bright's Disease	12	13										1		3	1		5		2			8	4
Bronchitis	18	22	3	3	6	2				14			2		1		1					7	11
Heart Disease	62	50	1	1						3	2	4	5	3	10	16	12	6	1			28	34
Meningitis	27	18	2	1	7	4	3	3	2	22			2	3								12	15
Nephritis	23	15				1				1		1		3	7	2	6	1	1	1		10	13
Pleurisy		2																					
Pneumonia	39	31	1	4	3	7		1	1	17	1	3	4	2	4	4	3	1				20	19
Other Local Diseases	176	184	19	21	40	10	1	1		92	1	3	2	11	14	19	14	12	8			78	98
IV. DEVELOPMENTAL.																							
Cyanosis	1		1							1												1	
Inanition	14	5	13							13						1						8	6
Old Age	21	12																8	12	1		5	16
Premature Birth	28	25	28							28												15	13
Puerp'l Diseases (not including Puerp'l Fever)	3	2											2	1									3
Other Developmental Diseases	29	15	15	3	3	1				22				1	1			1	4			14	15
V. VIOLENT.																							
Accidental	55	26	3	1			2	1	2	9	6	5	13	9	6	2	2	1	1	1		45	10
Homicidal	2	1													2							2	
Suicidal	8	5											1	3	1	2	1					7	1
Other Violent Causes	3	2		1						1			1					1				1	2
Unknown Causes	2	1													1		1					2	
Total from all Causes	1131	1022	169	112	175	74	19	17	9	575	34	43	82	87	80	70	75	48	33	4		573	558
Total from Zymotic Diseases	327	339	38	50	94	38	8	9	3	240	21	10	16	14	7	4	6	6	3			163	164
Including Tubercular Diseases	485	489																					
Total from Constitutional Diseases	259	222	43	27	21	11	5	2	1	110	3	16	33	30	24	16	19	7	1			136	123
" " Local do.	379	367	28	30	57	24	4	5	3	151	4	12	16	29	38	45	46	24	12	2		174	205
" " Developmental do.	96	59	57	3	3	1				64			2	2	1	1		9	16	1		43	53
" " Violent Causes	68	34	3	2			2	1	2	10	6	5	15	12	9	4	3	2	1	1		55	13

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of August, 1895, and for the corresponding month in 1894.

CASES REPORTED DURING AUGUST, 1895.	City.	Quarantine.
Diphtheria	274	....
Measles	41	....
Small Pox	....	....
Scarlatina	82	....
Typhoid Fever	175	....
Typhus Fever	....	....
Yellow Fever	....	....

CASES REPORTED DURING AUGUST, 1894.	City.	Quarantine.
Diphtheria	155	....
Measles	19	..
Small Pox	....	....
Scarlatina	135	....
Typhoid Fever	99	....
Typhus Fever	....	....
Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of August, 1895, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	29.86	64	60	W.	.00
2	29.94	66	71	W.	T
3	30.01	68	56	S.W.	.00
4	29.90	72	78	S., S.W.	.00
5	29.90	76	64	W.	.00
6	30.00	78	64	S.W.	.00
7	29.86	73	88	S.W.	1.05
8	29.94	76	56	W.	.00
9	29.99	74	54	W.	.00
10	29.90	77	46	N.W.	.00
11	29.89	72	54	E.	.00
12	29.81	68	91	E.	.40
13	29.88	68	94	E.	T
14	29.98	70	68	E.	.00
15	30.04	74	61	E., N.W.	.00
16	30.10	72	59	E.	.00
17	29.99	72	85	S.	.00
18	29.71	70	88	S.	1.24
19	29.78	70	55	N.W.	.00
20	29.94	64	73	W.	.02
21	29.91	65	50	N.W.	.00
22	30.24	61	62	W.	.00
23	30.06	70	78	S.W.	.00
24	29.75	79	71	S.W.	.00
25	29.92	74	48	N.W.	.02
26	30.07	71	60	W.	.00
27	30.03	72	66	W.	.00
28	29.88	78	68	W.	.00
29	29.86	70	90	E.	.16
30	30.13	65	78	E.	.00
31	29.94	70	88	S.W.	.35
TOTALS	—	—	—	—	3.24
MEANS	29.94	70.9	69	W.	.104

GENERAL ITEMS.

Mean Barometer, 29.94.
Highest Barometer, 30.27, on the 22d.
Lowest Barometer, 29.63, on the 24th.
Monthly Range of Barometer, 0.64.
Mean Temperature, 70.9.
Highest Temperature, 89.0, on the 6th.
Lowest Temperature, — 50, on the 22d.
Monthly Range of Temperature, 39.0.
Greatest Daily Range of Temperature, 23.0 on the 23d.
Least Daily Range of Temperature, 7.0 on the 16th.
Mean Daily Range of Temperature, 16.6.
Mean Daily Dew-point, 59.0.
Mean Daily Relative Humidity, 69.0.
Prevailing Direction of Wind, W.
Total Movement of Wind, 6,895 Miles.
Highest Velocity of Wind and Direction, 29 miles S.W. on the 23d.
Number of Foggy Days, 0. Number of Fair Days, 17.
Number of Clear Days, 11. Number of Cloudy Days, 3.
Total Number of Days on which Rain or Snow fell, 7.
Depth of unmelted Snow on ground at end of month, 0.
Dates of Auroras, 0.
Dates of Solar Halos, 3d, 10th, 11th, 15th, 26th.
Dates of Lunar Halos, 6th.
Thunder storm, 18th, 28th, 31st. Dates of Frosts, 0.
Mean Max. Temp., 79.3. Mean Min. Temp., 62.7.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	72	1871	3.08 In.
1872	72	1872	10.68
1873	69	1873	6.21
1874	68	1874	6.67
1875	71	1875	3.50
1876	70	1876	1.23
1877	71	1877	4.49
1878	68	1878	7.66
1879	68	1879	6.71
1880	69	1880	2.90
1881	70	1881	1.23
1882	70	1882	1.46
1883	68	1883	0.39
1884	68	1884	5.01
1885	67	1885	7.64
1886	68	1886	3.64
1887	67	1887	3.05
1888	71	1888	6.53
1889	67	1889	3.95
1890	69	1890	2.70
1891	70	1891	3.87
1892	70	1892	4.87
1893	70	1893	6.46
1894	68	1894	3.03
1895	71	1895	3.24

Average mean temperature for 25 years, 69.0. Average monthly precipitation, August, for 25 years, 4.41. *T indicates trace of precipitation.

37619

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of September, 1895.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DUDGIN, M.D.,
Chairman.

Deaths during the month of September, 1895, ... 978

Population by State Census 494,205. Rate per 1,000 inhabitants, 23.74

Total number	978
SEX.	
Males	522
Females	456
CONDITION.	
Married	214
Single	649
Widows	74
Widowers	34
Unknown	7
COLOR.	
White	953
Colored	25
Total deaths of children: Under 1 year	325
Total deaths of children: Under 2 years	410
Total deaths of children: Under 5 years	455
Diarrhœal diseases: Under 1 year	111
Diarrhœal diseases: Under 2 years	139
Diarrhœal diseases: Under 5 years	143
Diarrhœal diseases: All ages	153

NATIVITY.	
United States	699
Ireland	153
England	27
Scotland	2
Germany	14
British America	44
Italy	6
Russia	6
Other Countries	15
Unknown	12
PARENTAGE.	
United States	226
Irish	330
English	25
Scotch	5
German	28
British American	59
Italian	23
Russian	30
Other Countries	71
Mixed	88
Unknown	93
Still-births during the month	50

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for September, 1895.	Total Mortality for September, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	3	4											1	1	1							1	2
Croup	5	1				1	2	1	1	5												1	4
Carbuncle																							
Cholera Morbus	2	4	1							1							1						2
Cholera Infantum	131	89	31	30	40	27	3			131												77	54
Cerebro-spinal Meningitis		1																					
Congestive Fever																							
Diarrhœa	11	11		4	3	1	1			9							1	1				5	6
Dysentery	9	6		1	1					2			1			3	2		1			4	5
Diphtheria	51	76			3	5	11	7	4	30	17	3						1				24	27
Erysipelas	4				2			1		3									1			2	2
Intermittent Fever																							
Influenza	2							1		1			1									1	1
Measles																							
Purpura		2																					
Puerperal Fever	1	1												1									1
Pyæmia	2										1			1								2	
Remittent Fever	1	1													1							1	
Rheumatism	2	1															1	1					2
Scarlatina	4	15			1	1		1		3	1											4	
Small Pox																							
Syphilis (Congenital)	1	3	1							1												1	
Syphilis		2																					
Septicæmia	7	4											1	3	2	1						3	4
Tonsillitis																							
Typhoid Fever	28	30					1			1	1	2	11	5	5	2	1					19	9
Typhus Fever																							
Whooping Cough	6	15			3	3				6												2	4
Yellow Fever																							
Other Zymotic Diseases																							
II. CONSTITUTIONAL.																							
Cancer	27	19											1		5	9	4	6	2			9	18
Hydrocephalus and Tuberc. Meningitis	14	22		4	6	4				14												10	4
Marasmus, Scrofula and Tabes Mesenterica	68	52	27	18	15	5				65			1				1	1				35	33
Phthisis Pulmonalis	112	132		2		1	1			4	2	14	32	32	12	9	5	2				53	59
Other Constitutional Diseases	20	25	2	3	2					7		1	8	1	2	1						12	8

SANITARY STATISTICS OF BOSTON, MASS.

SEPTEMBER, 1895.

STREET GRADES BY WARDS.		
WARDS.	HIGHEST STREET GRADE.	LOWEST STREET GRADE.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37.04 Square miles.

" " " Acres, 23,707.

Miles of Streets, 449.50; paved 89.78; macadamized, 219.02; gravel, etc., 140.70.

Area of Parks 20,94 acres; Public Grounds 143 acres.

Number of Dwellings, (including tenement houses), 58,714.

" " Tenement Houses (four or more families), 3,329.

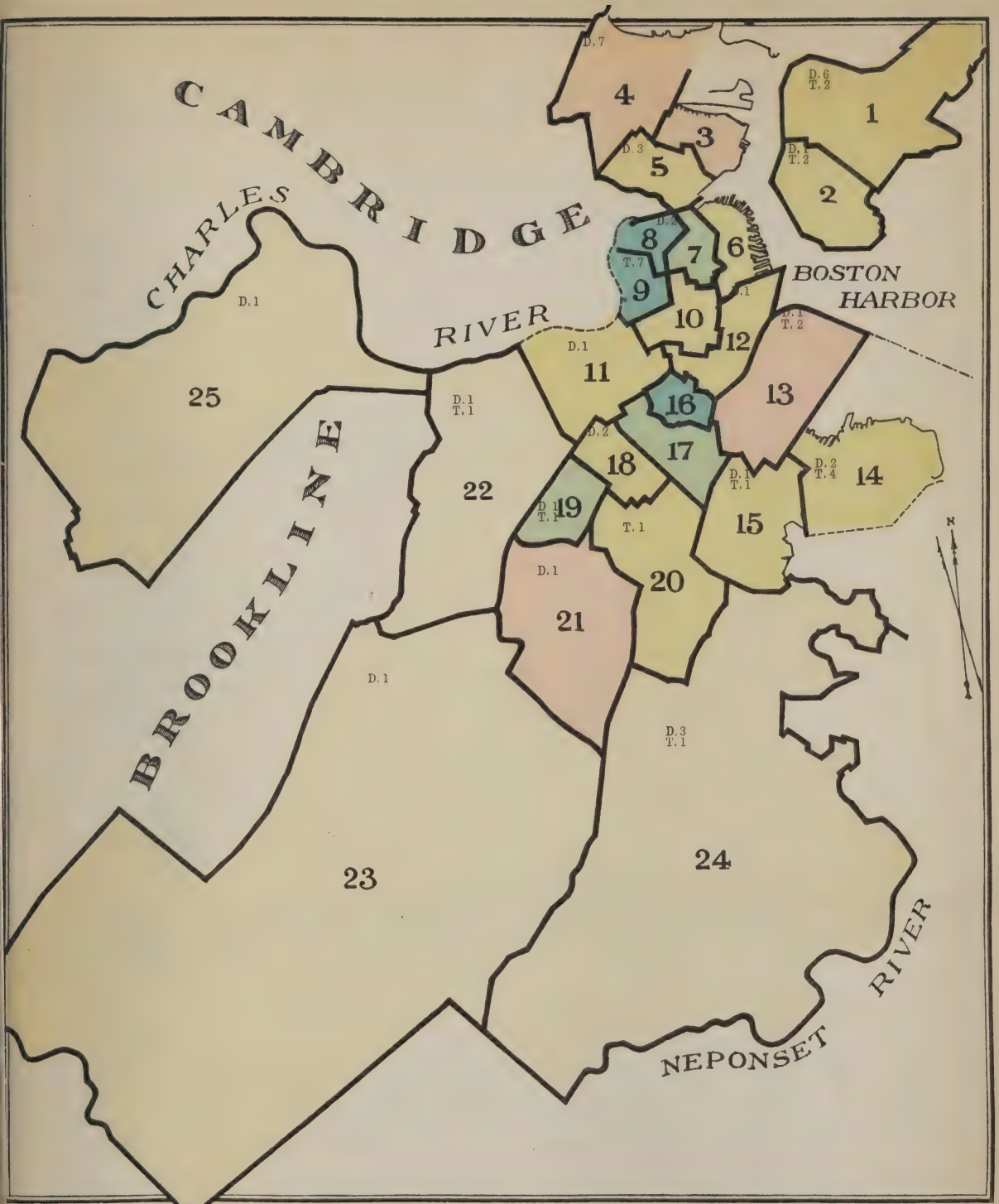
*Daily Consumption of Water, 46,575,800 gallons.

Daily Capacity of Water Supply, 50,000,000 "

Storage Reservoirs, 11.

Reservoir Capacity, 7.755,000,000 gallons.

*This does not include the Mystic which supplies Charlestown district and the cities of Chelsea, Somerville and Everett, of which the daily consumption is 10,282,100 gallons.



Symbols:

D — Diphtheria.

S — Scarlatina.

T — Typhoid Fever.

M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 16. S. — 4. T. — 6. M — .

* Including deaths at Mass. Gen. Hospital.

Under 20 inhabitants to a square acre.

From 33 to 49 " " "

" 52 to 80 " " "

" 111 to 123 " " "

" 151 to 213 " " "

# of September, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for September, 1895.	Total Mortality for September, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	20	23												1	1	4	6	6	2			8	12
Bright's Disease	3	5														1	1		1			2	1
Bronchitis	19	19	1	3	4	4				12					1	1	4	1				10	9
Heart Disease	58	53									1	3	4	4	12	11	13	7	3			38	20
Meningitis	28	26	1	3	7	7	2		1	21	2	3		1	1							15	13
Nephritis	16	18	1		1					2			3	3	4	1		3				10	6
Pleurisy	3												1	1	1							2	1
Pneumonia	35	48	1		2	3	1		1	8		3	5	6	4		4	4	1			19	16
Other Local Diseases	154	174	22	15	13	18	1	1		70	5	6	7	12	17	16	12	8	1			84	70
IV. DEVELOPMENTAL.																							
Cyanosis																							
Inanition	9	8	6	1		1				8								1				5	4
Old Age	20	23																8	10	2		5	15
Premature Birth	13	18	13							13												5	8
Puerp'l Diseases (not including Puerp'l Fever)	4	4											3	1									4
Other Developmental Diseases	44	21	18	4	7	1				30					2	1	2	7		2		25	19
V. VIOLENT.																							
Accidental	29	42				1			1	2	2	2	8	7	1	3	1	2	1			22	7
Homicidal	1	2												1								1	
Suicidal	2	4											1			1						2	
Other Violent Causes		1																					
Unknown Causes	9	5		2		2		1	1	6					3							3	6
Total from all Causes	978	1010	125	90	110	85	23	13	9	455	32	37	89	81	75	64	59	59	23	4		522	456
Total from Zymotic Diseases	270	266	33	35	53	38	18	11	5	193	20	5	15	11	9	6	6	3	2			147	123
Including Tubercular Diseases	434	467																					
Total from Constitutional Diseases	241	250	29	27	23	10	1			90	2	15	42	33	19	19	10	9	2			119	122
" " Local do.	336	366	26	21	27	32	4	1	2	113	8	15	20	28	41	34	40	29	8			188	148
" " Developmental do.	90	74	37	5	7	2				51			3	1	2	1	2	16	10	4		40	50
" " Violent Causes	32	49				1			1	2	2	2	9	8	1	4	1	2	1			25	7

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of September, 1895, and for the corresponding month in 1894.

CASES REPORTED DURING SEPTEMBER, 1895.	City.	Quarantine.	CASES REPORTED DURING SEPTEMBER, 1894.	City.	Quarantine.
Diphtheria	343	....	Diphtheria	250	....
Measles	24	....	Measles	18	..
Small Pox	....	....	Small Pox	....	....
Scarlatina	91	....	Scarlatina	125	....
Typhoid Fever	226	....	Typhoid Fever	196	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of September, 1895, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	30.02	66	48	N.W.	.35
2	30.03	61	53	W.	.00
3	30.03	66	60	W.	.00
4	30.06	73	76	S.W.	.00
5	30.14	72	77	S.W.	.00
6	30.13	68	84	E.	.00
7	30.12	63	89	N.E.	.00
8	30.12	66	86	N.	.00
9	30.18	70	72	S.W.	T
10	30.20	66	82	E., N.W.	.42
11	29.93	74	84	S.W.	.14
12	29.74	76	77	W.	.21
13	29.90	61	50	N.W.	.00
14	30.14	52	56	N.	T
15	30.36	50	54	N.W.	.00
16	30.16	56	67	S.W.	.00
17	29.88	70	74	W.	.00
18	29.82	56	77	N.	.07
19	30.00	58	80	N.-E.	.00
20	30.10	70	84	W.	.00
21	30.07	77	72	W.	.00
22	30.05	82	62	W.	.00
23	29.96	84	62	W.	.00
24	30.14	67	54	N.W.	.00
25	30.20	58	77	E.	.00
26	29.88	72	90	S.W.	.05
27	29.96	68	70	N.W.	.14
28	30.24	55	72	E.	.00
29	30.04	58	76	E., S.E.	T
30	29.74	56	72	W.	.15
TOTALS	—	—	—	—	1.53
MEANS	30.04	66.0	71.3	W.	.051

GENERAL ITEMS.

Mean Barometer, 30.04.
Highest Barometer, 30.36, on the 15th.
Lowest Barometer, 29.63, on the 30th.
Monthly Range of Barometer, 0.729.
Mean Temperature, 66.0.
Highest Temperature, 96.0, on the 23d.
Lowest Temperature, — 42, on the 15th.
Monthly Range of Temperature, 54.0.
Greatest Daily Range of Temperature, 34.0 on the 21st.
Least Daily Range of Temperature, 5.0 on the 18th.
Mean Daily Range of Temperature, 16.2.
Mean Daily Dew-point, 54.2.
Mean Daily Relative Humidity, 71.3.
Prevailing Direction of Wind, W.
Total Movement of Wind, 7,054 Miles.
Highest Velocity of Wind and Direction, 33 miles S.W. on the 26th.
Number of Foggy Days, 0. Number of Fair Days, 10.
Number of Clear Days, 13. Number of Cloudy Days, 7.
Total Number of Days on which Rain or Snow fell, 11.
Depth of unmelted Snow on ground at end of month, 0.
Dates of Auroras, 0.
Dates of Solar Halos, 10th, 17th, 19th, 29th.
Dates of Lunar Halos, 0.
Thunder storm, 9th, 10th, 11th, 12th, 26th. Dates of Frosts, 0.
Mean Max. Temp., 73.8. Mean Min. Temp., 57.6.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	59	1871	1.30 In.
1872	64	1872	6.04
1873	62	1873	2.91
1874	64	1874	2.05
1875	59	1875	3.12
1876	59	1876	3.84
1877	64	1877	3.60
1878	63	1878	3.47
1879	61	1879	1.84
1880	64	1880	2.36
1881	66	1881	2.50
1882	63	1882	10.93
1883	59	1883	1.50
1884	66	1884	0.31
1885	60	1885	1.70
1886	63	1886	2.73
1887	60	1887	0.97
1888	60	1888	6.77
1889	63	1889	3.19
1890	63	1890	5.04
1891	67	1891	2.29
1892	62	1892	1.90
1893	60	1893	1.59
1894	65	1894	2.14
1895	66	1895	1.53

Average mean temperature for 25 years, 62.0. Average monthly precipitation, September, for 25 years, 2.98. *T indicates trace of precipitation.

3761.9

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of October, 1895.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of October, 1895, ... 946

Population by State Census 494,205. Rate per 1,000 inhabitants, 22.97

Total number	946
SEX.	
Males	463
Females	483
CONDITION.	
Married	259
Single	561
Widows	93
Widowers	28
Unknown	5
COLOR.	
White	917
Colored	29
Total deaths of children: Under 1 year	246
Total deaths of children: Under 2 years	309
Total deaths of children: Under 5 years	355
Diarrhœal diseases: Under 1 year	35
Diarrhœal diseases: Under 2 years	44
Diarrhœal diseases: Under 5 years	46
Diarrhœal diseases: All ages	54

NATIVITY.	
United States	655
Ireland	157
England	13
Scotland	8
Germany	17
British America	54
Italy	10
Russia	6
Other Countries	16
Unknown	10
PARENTAGE	
United States	222
Irish	313
English	12
Scotch	9
German	31
British American	66
Italian	18
Russian	26
Other Countries	69
Mixed	85
Unknown	95
Still-births during the month	39

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for October, 1895.	Total Mortality for October, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	3	8												1	1	1						3	
Croup	2	7							1	1	1											1	1
Carbuncle		1																					
Cholera Morbus		1																					
Cholera Infantum	37	36	9	8	10	9	1			37												23	14
Cerebro-spinal Meningitis		4																					
Congestive Fever																							
Diarrhœa	10	6		4	2		1			7						1		1	1			4	6
Dysentery	7	2		2						2				1		2	1	1				5	2
Diphtheria	51	109			1	13	8	3	8	33	17	1										24	27
Erysipelas		2																					
Intermittent Fever	2													1					1				2
Influenza																							
Measles	2						1	1		2													2
Purpura	1	1											1										1
Puerperal Fever		2																					
Pyæmia	1													1									1
Remittent Fever																							
Rheumatism	1																1					1	
Scarlatina	5	12						1		1	2	1	1									2	3
Small Pox																							
Syphilis (Congenital)	1	1			1					1												1	
Syphilis																							
Septicæmia	4	3											1	3								1	3
Tonsillitis																							
Typhoid Fever	26	27										3	16	4	3							17	9
Typhus Fever																							
Whooping Cough	5	4			1	4				5												3	2
Yellow Fever																							
Other Zymotic Diseases	1												1									1	
II. CONSTITUTIONAL.																							
Cancer	28	31												1	4	7	9	7				6	22
Hydrocephalus and Tuberc. Meningitis	14	9	2	3	2	5				12	2											6	8
Marasmus, Scrofula and Tabes Mesenterica	63	50	20	18	16	8				62								1				27	36
Phthisis Pulmonalis	113	91			2		1		1	4		10	32	36	13	12	3	2	1			58	55
Other Constitutional Diseases	16	25		1		2	1			4		2	6	2		1	1					10	6

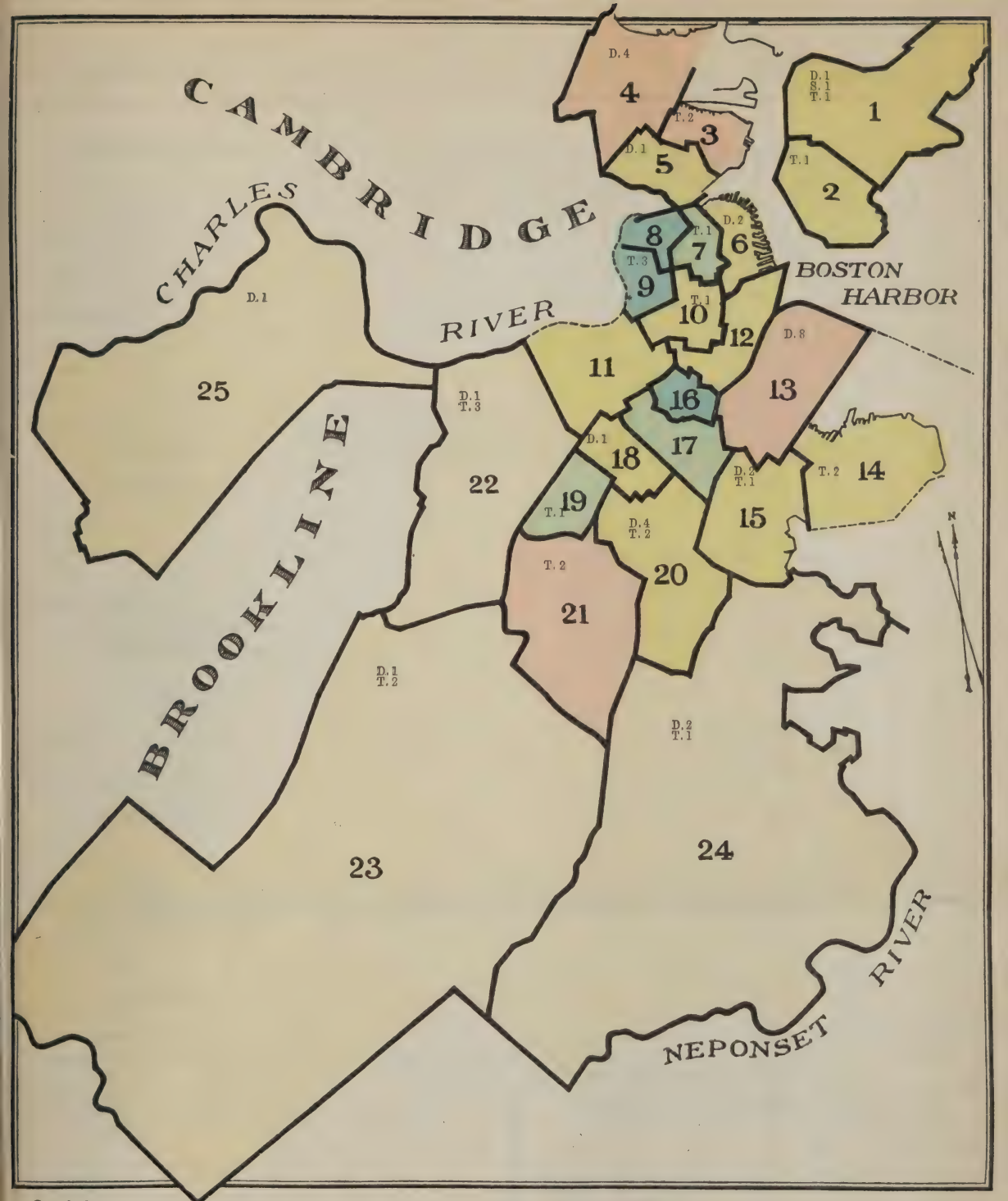
SANITARY STATISTICS OF BOSTON, MASS.

OCTOBER, 1895.

STREET GRADES BY WARDS.		
WARDS.	HIGHEST STREET GRADE.	LOWEST STREET GRADE.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37.04 Square miles.
" " " Acres, 23,707.
Miles of Streets, 449.50; paved 89.78; macadamized, 219.02; gravel, etc., 140.70.
Area of Parks 20,94 acres; Public Grounds 143 acres.
Number of Dwellings, (including tenement houses), 58,714.
" " Tenement Houses (four or more families), 3,329.
*Daily Consumption of Water, 46,575,800 gallons.
Daily Capacity of Water Supply, 50,000,000 "
Storage Reservoirs, 11.
Reservoir Capacity, 7.755,000,000 gallons.

*This does not include the Mystic which supplies Charlestown district and the cities of Chelsea, Somerville and Everett, of which the daily consumption is 10,282,100 gallons.



Symbols:

D — Diphtheria.

S — Scarlatina.

T — Typhoid Fever.

M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 23. S. — 4. T. — 6. M — 2.

* Including deaths at Mass. Gen. Hospital.

Under 20 inhabitants to a square acre.

From 33 to 49 " " "

" 52 to 80 " " "

" 111 to 123 " " "

" 151 to 213 " " "

# of October, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for October, 1895.	Total Mortality for October, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	28	30									1	1		1	6	6	9	2	2			10	18
Bright's Disease	13	15							1	1			1		1	3	4	3				5	8
Bronchitis	32	37	5	2	8	1	1			17	1	1			1	3	2	5	2			15	17
Heart Disease	75	62	1		1			1		3		5	7	8	9	11	15	10	6	1		39	36
Meningitis	24	11	3	6	4	4	2			19	2		1	1	1							15	9
Nephritis	16	21									1		2	2	4	5	2					9	7
Pleurisy																							
Pneumonia	77	55	5	5	7	5	3	1		26	2	1	9	6	12	6	7	5	3			42	35
Other Local Diseases	151	147	24	8	14	11	1	1		59	3	1	8	11	11	28	16	12	2			66	85
IV. DEVELOPMENTAL.																							
Cyanosis	2		2							2												1	1
Inanition	13	8	9		2		1			12			1									7	6
Old Age	20	21														1	3	5	7	4		8	12
Premature Birth	15	17	15							15												6	9
Puerp'l Diseases (not including Puerp'l Fever)	1												1										1
Other Developmental Diseases	34	19	16	3	1	1				21				1	1	2	1	4	4			11	23
V. VIOLENT.																							
Accidental	34	38	1		1		1		3	6		1	10	6	3	1	4	2	1			26	8
Homicidal	1	1													1							1	
Suicidal	10	3											4	3	2	1						8	2
Other Violent Causes	2	4													1		1						2
Unknown Causes	5	4	1				2			3			1			1						1	4
Total from all Causes	946	925	113	60	73	63	24	8	14	355	32	27	103	89	74	92	79	60	30	5		463	483
Total from Zymotic Diseases	159	226	9	14	15	26	11	5	9	89	20	5	20	11	4	4	2	2	2			86	73
Including Tubercular Diseases	324	354																					
Total from Constitutional Diseases	234	206	22	22	20	15	2		1	82	2	12	38	39	17	20	13	10	1			107	127
" " Local do.	416	378	38	21	34	21	7	3	1	125	10	9	28	29	45	62	55	37	15	1		201	215
" " Developmental do.	85	65	42	3	3	1	1			50			2	1	1	3	4	9	11	4		33	52
" " Violent Causes	47	46	1		1		1		3	6		1	14	9	7	2	5	2	1			35	12

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of October, 1895, and for the corresponding month in 1894.

CASES REPORTED DURING OCTOBER, 1895.	City.	Quarantine.	CASES REPORTED DURING OCTOBER, 1894.	City.	Quarantine.
Diphtheria	412	....	Diphtheria	458	....
Measles	18	....	Measles	58	..
Small Pox	....	....	Small Pox	....	....
Scarlatina	127	....	Scarlatina	182	....
Typhoid Fever	187	....	Typhoid Fever	197	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION. BOSTON.

For the month of October, 1895, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	30.12	50	56	W.	.00
2	30.22	57	58	S.W.	.00
3	30.17	58	66	N.—W.	.00
4	30.22	53	82	N.E.	.00
5	29.97	52	82	N.E.	.00
6	29.76	54	71	N., N.W.	.00
7	29.70	57	44	W.	T
8	29.70	56	81	S.W., N.W.	.31
9	30.06	44	71	N.W.	.00
10	30.35	44	69	N.W.	.00
11	30.34	48	58	S., S.W.	.00
12	29.96	58	88	S.	.37
13	29.50	54	100	N.E.	4.85
14	29.85	55	70	N.W.	.42
15	30.09	46	78	N.W.	.07
16	29.92	44	89	N.W.	.01
17	29.72	52	70	W.	.00
18	30.16	44	52	W.	.00
19	29.80	46	77	S.W.	.00
20	29.90	44	57	W.	.00
21	30.08	41	66	W.-N.W.	.00
22	30.17	46	63	S.	.00
23	30.07	53	66	N.W.	.00
24	30.16	43	63	N.W.	.00
25	29.84	52	62	S.W.	.00
26	30.03	42	69	N.W.	.00
27	29.92	54	80	S.	.00
28	29.90	58	62	S.W.	.01
29	30.21	43	48	W.	.00
30	30.52	40	48	N.	.00
31	30.43	39	78	E.	.15
TOTALS	—	—	—	—	6.19
MEANS	30.03	49.6	69.5	N.W.	.199

GENERAL ITEMS.

Mean Barometer, 30.03.
Highest Barometer, 30.62, on the 31st.
Lowest Barometer, 29.39, on the 13th.
Monthly Range of Barometer, 1.23.
Mean Temperature, 49.6.
Highest Temperature, 70.0, on the 28th.
Lowest Temperature, 32, on the 31st.
Monthly Range of Temperature, 38.0.
Greatest Daily Range of Temperature, 26.0 on the 2d.
Least Daily Range of Temperature, 3.0 on the 13th.
Mean Daily Range of Temperature, 16.5.
Mean Daily Dew-point, 38.6.
Mean Daily Relative Humidity, 69.5.
Prevailing Direction of Wind, N.W. 27%
Total Movement of Wind, 8,953 Miles.
Highest Velocity of Wind and Direction, 46 miles N.E. on the 13th.
Number of Foggy Days, 0. Number of Fair Days, 11.
Number of Clear Days, 12. Number of Cloudy Days, 8.
Total Number of Days on which Rain or Snow fell, 9.
Depth of unmelted Snow on ground at end of month, 0.
Dates of Auroras, 0.
Dates of Solar Halos, 3d, 5th, 7th, 23d, 25th, 27th.
Dates of Lunar Halos, 3d, 27th, 30th.
Thunder storm, 0. Dates of Frosts, light 6th, 7th, killing 11th.
Mean Max. Temp., 57.8. Mean Min. Temp., 41.4.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	54	1871	5.88 In.
1872	52	1872	4.85
1873	53	1873	5.33
1874	53	1874	1.39
1875	40	1875	4.99
1876	48	1876	1.66
1877	51	1877	8.84
1878	55	1878	6.76
1879	56	1879	0.91
1880	51	1880	3.15
1881	53	1881	2.84
1882	55	1882	2.29
1883	47	1883	6.40
1884	52	1884	3.17
1885	51	1885	5.71
1886	52	1886	3.27
1887	51	1887	2.53
1888	49	1888	3.58
1889	48	1889	3.31
1890	51	1890	5.63
1891	52	1891	5.56
1892	53	1892	2.31
1893	55	1893	2.94
1894	54	1894	5.11
1895	50	1895	6.19

Average mean temperature for 25 years, 51.0. Average monthly precipitation, October, for 25 years, 4.18. *T indicates trace of precipitation.

3761.9

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

Statement of Deaths for the month of November, 1895.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of November, 1895, ... 858

Population by State Census 494,205. Rate per 1,000 inhabitants, 20.83

Total number	858
SEX.	
Males	469
Females	389
CONDITION.	
Married	291
Single	443
Widows	81
Widowers	37
Unknown	6
COLOR.	
White	836
Colored	22
Total deaths of children: Under 1 year	147
Total deaths of children: Under 2 years	188
Total deaths of children: Under 5 years	241
Diarrhœal diseases: Under 1 year	5
Diarrhœal diseases: Under 2 years	6
Diarrhœal diseases: Under 5 years	6
Diarrhœal diseases: All ages	10

NATIVITY.	
United States	548
Ireland	164
England	14
Scotland	12
Germany	14
British America	70
Italy	7
Russia	3
Other Countries	17
Unknown	9
PARENTAGE.	
United States	185
Irish	296
English	17
Scotch	13
German	29
British American	57
Italian	14
Russian	19
Other Countries	60
Mixed	68
Unknown	100
Still-births during the month	51

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for November, 1895.	Total Mortality for November, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	10	5											1	4	1	2	2					5	5
Croup	12	6			1	3	2		3	9	3											11	1
Carbuncle																							
Cholera Morbus		2																					
Cholera Infantum	5	7	1	1	2	1				5												4	1
Cerebro-spinal Meningitis	2	2			1					1				1								2	
Congestive Fever																							
Diarrhœa	2	1																1	1			1	1
Dysentery	3	1		1						1				1			1					2	1
Diphtheria	69	126	1			10	12	9	7	39	21	8	1									32	37
Erysipelas	1	1										1										1	
Intermittent Fever		1																					
Influenza																							
Measles		1																					
Purpura		1																					
Puerperal Fever		1																					
Pyæmia	1															1						1	
Remittent Fever																							
Rheumatism																							
Scarlatina	4	11			1	1			1	3	1											3	1
Small Pox																							
Syphilis (Congenital)	2		1				1			2												1	1
Syphilis	1														1								1
Septicæmia	7	3				1				1			2		1	2	1					3	4
Tonsillitis																							
Typhoid Fever	13	20							1	1	2	1		4	1	2		2				7	6
Typhus Fever																							
Whooping Cough	2	6			1	1				2													2
Yellow Fever																							
Other Zymotic Diseases		2																					
II. CONSTITUTIONAL.																							
Cancer	41	23												4	7	4	12	9	4	1		17	24
Hydrocephalus and Tuberc. Meningitis	7	6	1	1	2	1		1		6	1											4	3
Marasmus, Scrofula and Tabes Mesenterica	23	35	9	7	2	1				19									4			12	11
Phthisis Pulmonalis	113	108	1	1						2		9	36	38	12	10	4	2				58	55
Other Constitutional Diseases	15	18				2				2	1	1	4	3	1	1		2				12	3

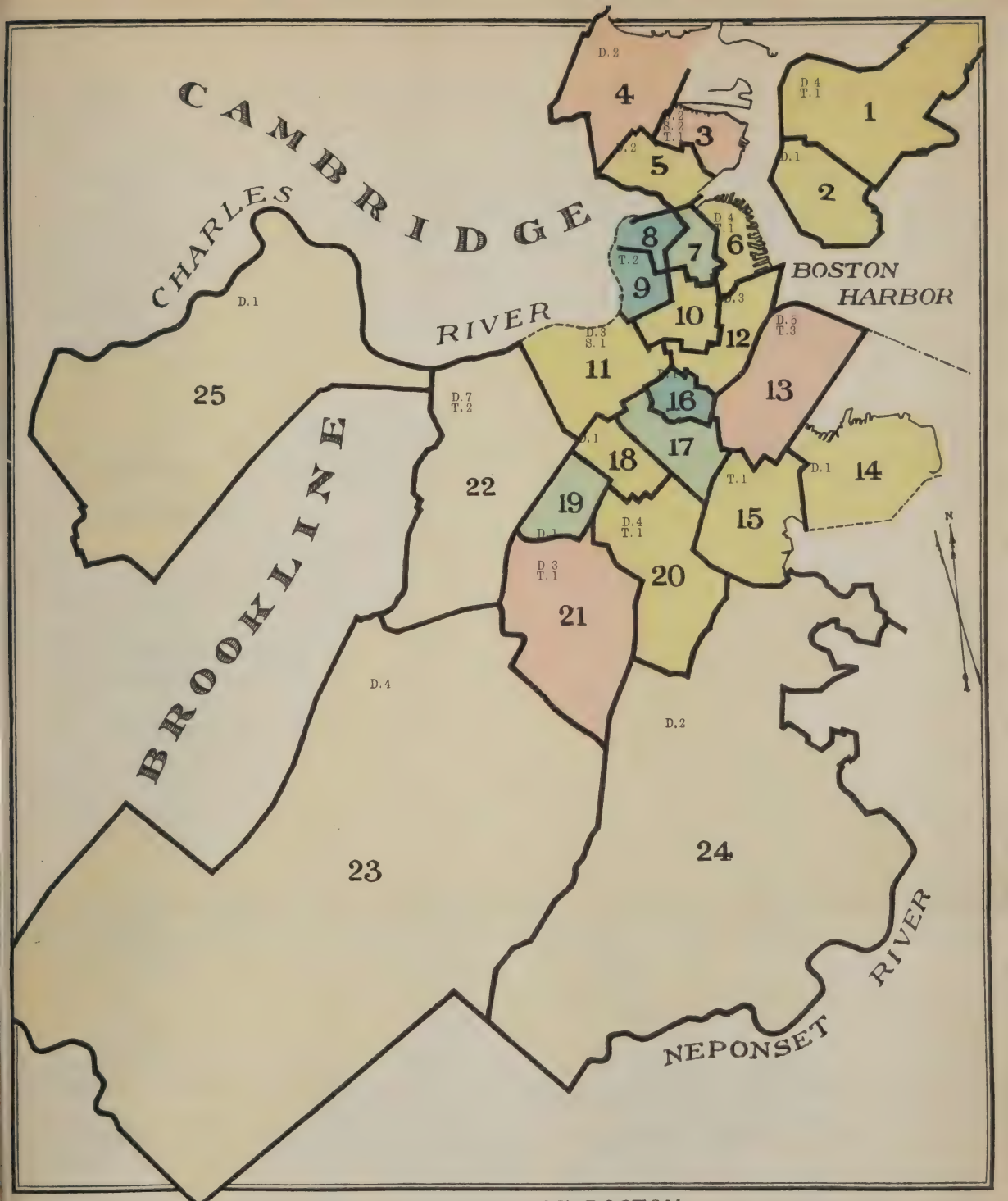
SANITARY STATISTICS OF BOSTON, MASS.

NOVEMBER, 1895.

STREET GRADES BY WARDS.		
WARDS.	HIGHEST STREET GRADE.	LOWEST STREET GRADE.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

Area of City, 37.04 Square miles.
" " " Acres, 23,707.
Miles of Streets, 449.50; paved 89.78; macadamized, 219.02; gravel, etc., 140.70.
Area of Parks 20,94 acres; Public Grounds 143 acres.
Number of Dwellings, (including tenement houses), 58,714.
" " Tenement Houses (four or more families), 3,329.
*Daily Consumption of Water, 46,575,800 gallons.
Daily Capacity of Water Supply, 50,000,000 "
Storage Reservoirs, 11.
Reservoir Capacity, 7.755,000,000 gallons.

*This does not include the Mystic which supplies Charlestown district and the cities of Chelsea, Somerville and Everett, of which the daily consumption is 10,282,100 gallons.



Symbols:

D — Diphtheria.
S — Scarlatina.
T — Typhoid Fever.
M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 18. S. — 1. T. — . M — . }

* Including deaths at Mass. Gen. Hospital.

Under 20 inhabitants to a square acre.
From 33 to 49 " " "
" 52 to 80 " " "
" 111 to 123 " " "
" 151 to 213 " " "

# of November, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for November, 1895.	Total Mortality for November, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	33	24	1							1			1	2	5	4	8	9	2	1		12	21
Bright's Disease	16	7						1		1	1		1	2	6	2	1	2				10	6
Bronchitis	32	39	8	3	3	2	3		1	20				2	1	3	4	1		1		14	18
Heart Disease	75	77	1		1					2	1		3	10	12	13	23	7	4			38	37
Meningitis	15	15	3		1	3	1	1		9	1		1	2	1	1						5	10
Nephritis	18	29											1	4	2	6	3	2				9	9
Pleurisy																							
Pneumonia	98	85	8	4	9	7	6	2		36	3	1	5	7	15	10	14	7				63	35
Other Local Diseases	120	114	18	4	3	5		1		31	1	7	17	10	14	9	13	10	6	2		70	50
IV. DEVELOPMENTAL.																							
Cyanosis	1	2	1							1												1	
Inanition	10	14	9	1						10												6	4
Old Age	20	22														1	3	4	9	3		7	13
Premature Birth	15	15	15							15												10	5
Puerp'l Diseases (not including Puerp'l Fever)	1	6												1									1
Other Developmental Diseases	20	9	12		1	1				14			1		1		2	2				10	10
V. VIOLENT.																							
Accidental	33	40			1	1				2	1	4	4	6	8	3	4		1			28	5
Homicidal	1	1	1							1												1	
Suicidal	7	7										1		2	1	2	1					5	2
Other Violent Causes	2	3													1			1				1	1
Unknown Causes	8	1	2	1	1	1				5						1	1	1				3	5
Total from all Causes	858	897	93	24	30	41	25	15	13	241	37	33	78	103	91	77	97	62	31	8		469	389
Total from Zymotic Diseases	134	197	3	2	6	17	15	9	12	64	27	10	4	10	4	7	4	3	1			73	61
Including Tubercular Diseases	276	400																					
Total from Constitutional Diseases	199	190	11	9	4	4		1		29	2	10	40	45	20	15	16	13	8	1		103	96
" " Local do.	407	390	39	11	17	17	10	5	1	100	7	8	29	39	56	48	66	38	12	4		221	186
" " Developmental do.	67	68	37	1	1	1				40			1	1	1	1	5	6	9	3		34	33
" " Violent Causes	43	51	1		1	1				3	1	5	4	8	10	5	5	1	1			35	8

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of November, 1895, and for the corresponding month in 1894.

CASES REPORTED DURING NOVEMBER, 1895.	City.	Quarantine.	CASES REPORTED DURING NOVEMBER, 1894.	City.	Quarantine.
Diphtheria	630	....	Diphtheria	564	....
Measles	24	....	Measles	164	..
Small Pox	....	....	Small Pox	....	....
Scarlatina	120	....	Scarlatina	192	....
Typhoid Fever	109	....	Typhoid Fever	123	....
Typhus Fever	....	....	Typhus Fever	....	....
Yellow Fever	....	....	Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of November, 1895, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	30.38	29.88	75	W.	2.67
2	30.65	30.19	80	N.	.51
3	30.38	40	72	N.W.	.11
4	30.65	42	78	S.	.00
5	30.56	50	86	S.W.	.00
6	29.40	58	80	W.	.00
7	30.26	62	86	W.	.00
8	30.02	64	92	S.W.	T
9	29.88	56	93	S.W.	.07
10	29.95	44	90	N.W.	.05
11	30.34	38	84	N.W.	.00
12	30.39	33	86	N.	.00
13	30.44	38	81	N.E.	.00
14	30.36	45	90	E.	.03
15	29.85	48	96	W.	1.41
16	30.04	46	77	W.	.00
17	29.94	44	92	S.W.	.58
18	29.95	50	73	W.	.16
19	29.88	54	88	S.	.00
20	29.26	55	97	S.	.93
21	29.79	28	75	W.	.19
22	30.58	28	73	W.	.00
23	30.31	42	80	N.W.	T
24	30.04	44	88	N.W.	.14
25	30.30	39	86	E.	.05
26	29.83	56	94	S.W.	.44
27	30.42	44	72	N.W.	.68
28	30.60	41	58	W.	.00
29	30.22	43	84	W.	.00
30	30.14	38	78	N W.	.00
TOTALS	—	—	—	—	8.07
MEANS	30.17	45.4	83	W.	.269

GENERAL ITEMS.

Mean Barometer, 30.170.
Highest Barometer, 30.653, on the 4th.
Lowest Barometer, 29.097, on the 26th.
Monthly Range of Barometer, 1.556.
Mean Temperature, 45.4.
Highest Temperature, 73.0, on the 7th.
Lowest Temperature, 21, on the 22d.
Monthly Range of Temperature. 52.0.
Greatest Daily Range of Temperature, 29.0 on the 23d.
Least Daily Range of Temperature, 5.0 on the 15th.
Mean Daily Range of Temperature, 14.1.
Mean Daily Dew-point, 39.0.
Mean Daily Relative Humidity, 83.0.
Prevailing Direction of Wind, W.
Total Movement of Wind, 7,923 Miles.
Highest Velocity of Wind and Direction, 41 miles S.W. on the 26th.
Number of Foggy Days, 2. Number of Fair Days, 5.
Number of Clear Days, 8. Number of Cloudy Days, 17.
Total Number of Days on which Rain or Snow fell, 15.
Depth of unmelted Snow on ground at end of month, 0.
Dates of Auroras, 0.
Dates of Solar Halos, 16th, 29th.
Dates of Lunar Halos, 1st, 2d, 29th.
Thunder storm, 15th. Dates of Frosts, 0
Mean Max. Temp., 52.0. Mean Min. Temp., 38.0.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	37	1871	6.42 In.
1872	40	1872	3.66
1873	33	1873	8.34
1874	41	1874	2.85
1875	34	1875	5.47
1876	40	1876	11.03
1877	43	1877	9.62
1878	40	1878	8.94
1879	39	1879	2.95
1880	37	1880	2.30
1881	42	1881	3.73
1882	38	1882	1.20
1883	42	1883	2.08
1884	41	1884	3.03
1885	44	1885	5.78
1886	43	1886	3.59
1887	42	1887	2.22
1888	45	1888	4.97
1889	45	1889	4.91
1890	42	1890	0.97
1891	41	1891	2.35
1892	41	1892	4.45
1893	42	1893	1.83
1894	38	1894	3.10
1895	45	1895	8.07

Average mean temperature for 25 years, 41.0. Average monthly precipitation, for 25 years, 4.56. *T indicates trace of precipitation.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.

3761.9

Statement of Deaths for the month of December, 1895.

With an enumeration of the more prominent causes; accompanied by an abstract of Meteorological Observations.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

Deaths during the month of December, 1895, ... 929

Population by State Census 501,083. Rate per 1,000 inhabitants, 22.24

Total number	929
SEX.	
Males	460
Females	469
CONDITION.	
Married	294
Single	464
Widows	115
Widowers	47
Unknown	9
COLOR.	
White	913
Colored	16
Total deaths of children: Under 1 year	130
Total deaths of children: Under 2 years	176
Total deaths of children: Under 5 years	252
Diarrhœal diseases: Under 1 year	2
Diarrhœal diseases: Under 2 years	2
Diarrhœal diseases: Under 5 years	2
Diarrhœal diseases: All ages	4

NATIVITY.	
United States	543
Ireland	215
England	19
Scotland	11
Germany	18
British America	78
Italy	9
Russia	2
Other Countries	16
Unknown	18
PARENTAGE	
United States	202
Irish	330
English	23
Scotch	17
German	26
British American	44
Italian	22
Russian	12
Other Countries	60
Mixed	80
Unknown	113
Still-births during the month	50

Total Deaths with Principal Causes for the month

CAUSES OF DEATH.	Total Mortality for December, 1895.	Total Mortality for December, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 months and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
I. ZYMOTICS.																							
Alcoholism	7	8											1	2	2		1	1				5	2
Croup	5	10				2	1			3	2											2	3
Carbuncle																							
Cholera Morbus	1												1										1
Cholera Infantum		1																					
Cerebro-spinal Meningitis		1																					
Congestive Fever																							
Diarrhœa		2	1							1						1						1	1
Dysentery	1				1					1												1	
Diphtheria	83	99			4	12	13	16	12	57	16	6	1	1	1		1					40	43
Erysipelas	3	5	2							2						1						1	
Intermittent Fever	1						1			1													1
Influenza	1	1												1								1	
Measles		1																					
Purpura																							
Puerperal Fever	3	1											2	1									3
Pyæmia		1																					
Remittent Fever																							
Rheumatism	1	1												1								1	
Scarlatina	4	17				2	1		1	4												2	2
Small Pox																							
Syphilis (Congenital)	1	3		1						1												1	
Syphilis																							
Septicæmia	2	3										1		1									2
Tonsillitis																							
Typhoid Fever	18	11							1	1		3	7	4		2			1			10	8
Typhus Fever																							
Whooping Cough	6	11	3		1	1		1		6												3	3
Yellow Fever																							
Other Zymotic Diseases																							
II. CONSTITUTIONAL.																							
Cancer	34	29												5	3	13	8	4	1			8	26
Hydrocephalus and Tuberc. Meningitis	13	12	1		3	4	2			10	2				1							5	8
Marasmus, Scrofula and Tabes Mesenterica	22	24	8	4	4	2	1		1	20			1			1						13	9
Phthisis Pulmonalis	112	122		1		1	1		1	4	1	4	45	28	17	11	2					53	59
Other Constitutional Diseases	22	16		1	1	1				3			4	5	3	5		2				12	10

SUMMARY OF DEATHS IN BOSTON.

With Principal Causes, for the year 1895. Compared with those of 1894.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

	1895.	1894.		1895.	1894.
Total No. of deaths from all causes	11,329	11,520	Influenza	69	56
Population (estimated)	501,083	501,107	Intermittent Fever	5	4
Annual death rate per 1000 inhabitants	22.60	22.98	Measles	19	8
Total No. from Zymotic diseases	1,968	2,357	Purpura	8	6
Percentage of deaths from Zymotic diseases to total mortality	17.37	20.46	Puerperal Fever	14	16
Total No. of Still-births	607	700	Pyæmia	5	12
Total deaths of children under 1 year	2,580	2,552	Remittent Fever	1	1
" " " " 2 years	3,269	3,252	Rheumatism	21	15
" " " " 5 years	3,935	4,108	Scarlatina	114	192
Percentage of deaths under 5 years to total mortality	34.73	35.66	Small-Pox	—	22
Total No. of deaths from diarrhœal diseases, under 5 years	559	628	Syphilis (congenital)	26	22
Total No. of deaths from diarrhœal diseases, all ages	627	700	Syphilis	8	9
Percentage of deaths from diarrhœal diseases to total mortality	5.53	6.08	Septicæmia	62	41
Alcoholism	70	65	Tonsillitis	2	2
Croup	66	61	Typhoid Fever	163	141
Carbuncle	—	1	Typhus Fever	—	—
Cholera Morbus	15	23	Whooping Cough	47	111
Cholera Infantum	500	569	Yellow Fever	—	—
Cerebro Spinal Meningitis	15	18	Other Zymotic Diseases	4	5
Diarrhœa	69	70	Cancer	391	354
Dysentery	43	38	Phthisis Pulmonalis	1,349	1,425
Diphtheria	588	817	Bright's Disease	143	134
Erysipelas	34	32	Bronchitis	439	460
			Heart Disease	870	839
			Pneumonia	1,268	1,119
			Old Age	252	248
			Violent Deaths	580	529

SANITARY STATISTICS OF BOSTON, MASS.

DECEMBER, 1895.

STREET GRADES BY WARDS.		
Wards.	Highest Street Grade.	Lowest Street Grade.
Ward 1	86	16
" 2	64	16
" 3	74	17
" 4	108	16
" 5	68	17
" 6	55	15
" 7	48	15
" 8	42	15
" 9	106	17
" 10	106	17
" 11	31	14
" 12	31	15
" 13	31	16
" 14	71	16
" 15	95	14
" 16	24	12
" 17	18	13
" 18	18	16
" 19	60	17
" 20	116	14
" 21	149	28
" 22	164	17
" 23	301	35
" 24	165	14
" 25	174	13

NOTICE: This Map will be discontinued for the present.

Area of City, 37.04 Square miles.

" " " Acres, 23,707.

Miles of Streets, 449.50; paved 89.78; macadamized, 219.02; gravel, etc., 140.70.

Area of Parks 20,94 acres; Public Grounds 143 acres.

Number of Dwellings, (including tenement houses), 58,714.

" " Tenement Houses (four or more families), 3,329.

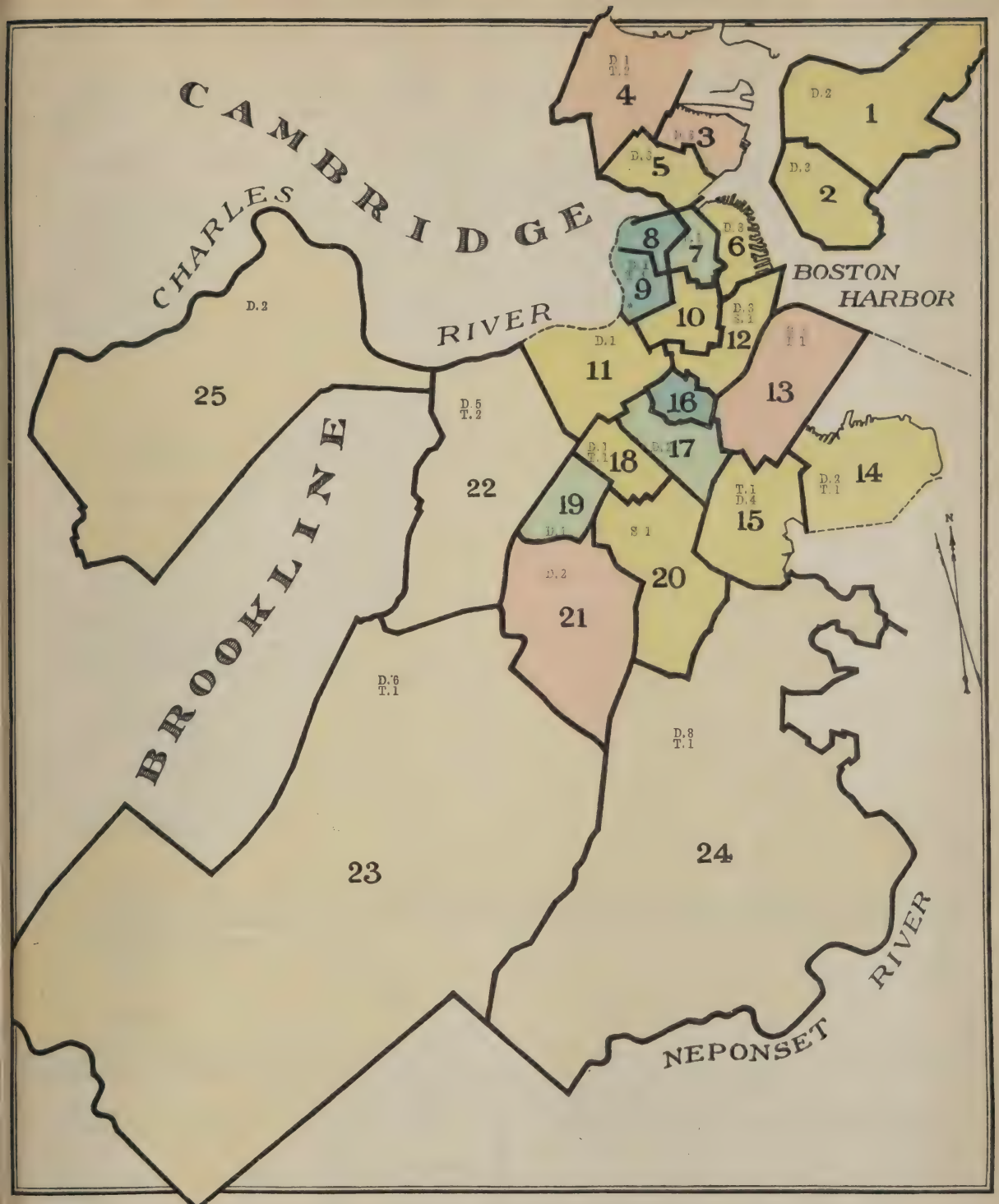
*Daily Consumption of Water, 46,575,800 gallons.

Daily Capacity of Water Supply, 50,000,000 "

Storage Reservoirs, 11.

Reservoir Capacity, 7.755,000,000 gallons.

*This does not include the Mystic which supplies Charlestown district and the cities of Chelsea, Somerville and Everett, of which the daily consumption is 10,282,100 gallons.



Symbols:

D — Diphtheria.

S — Scarlatina.

T — Typhoid Fever.

M — Measles.

WARD MAP OF BOSTON,

Showing the density of population on basis of assessed polls of 1892, with the deaths from Diphtheria, Scarlatina, Typhoid Fever and Measles.

CITY HOSPITAL, { D. — 29. S. — 2. T. — 3. M — . }

* Including deaths at Mass. Gen. Hospital.

Under 20 inhabitants to a square acre.

From 33 to 49 " " "

" 52 to 80 " " "

" 111 to 123 " " "

" 151 to 213 " "

# of December, Classified by Cause, Age and Sex.

CAUSES OF DEATH.	Total Mortality for December, 1895.	Total Mortality for December, 1894.	AGE. Under 3 mos.	3 mos. and under 6 mos.	6 mos. and under 1 year.	1 year and under 2 yrs.	2 years and under 3 yrs.	3 years and under 4 yrs.	4 years and under 5 yrs.	Total under 5 years.	5 years and under 10 yrs.	10 years and under 20 yrs.	20 years and under 30 yrs.	30 years and under 40 yrs.	40 years and under 50 yrs.	50 years and under 60 yrs.	60 years and under 70 yrs.	70 years and under 80 yrs.	80 years and under 90 yrs.	90 years and under 100 yrs.	100 years and over.	SEX. Males.	Females.
III. LOCAL.																							
Apoplexy	39	40			1					1				3	4	5	14	6	3	3		15	24
Bright's Disease	18	8					1			1	1	2		2	1	5	2	3	1			9	9
Bronchitis	33	48	4	4		1	1			10	1		1	2	3	3	1	6	6			18	15
Heart Disease	67	82	2	1				1		4	1	1	2	3	10	11	21	11	3			38	29
Meningitis	24	20	4	2	4	4	2	2		18			1	2		1	2					11	13
Nephritis	25	18					1		1	2	1		1	7	4	5	2	2	1			15	10
Pleurisy	2	1										1	1									1	1
Pneumonia	131	102	5	5	7	10	4	2	2	35	3	2	10	16	19	19	12	9	6			72	59
Other Local Diseases	131	110	8	5	4	4	1	1	1	24	3	7	12	10	19	23	14	12	6	1		67	64
IV. DEVELOPMENTAL.																							
Cyanosis	1		1							1												1	
Inanition	9	8	9							9												7	2
Old Age	23	33															3	7	9	3	1	6	17
Premature Birth	10	18	10							10												4	6
Puerp'l Diseases (not including Puerp'l Fever)	4	5											2	2									4
Other Developmental Diseases	17	20	7	1	2					10			1		1	1	1		3			9	8
V. VIOLENT.																							
Accidental	36	42	1		1	1	1			4	2	3	6	8	7	1	3	1	1			20	16
Homicidal		4																					
Suicidal	4	6											2	1				1				3	1
Other Violent Causes	3	4		1						1			1					1				1	2
Unknown Causes	10	3	3	1	1	1			2	8						1	1					4	6
Total from all Causes	929	952	69	27	34	46	31	23	22	252	33	30	102	105	95	109	88	66	41	7	1	460	469
Total from Zymotic Diseases	134	177	6	1	6	17	16	17	14	77	18	10	12	11	3	4	2	1	1			68	71
Including Tubercular Diseases	303	324																					
Total from Constitutional Diseases	203	203	9	6	8	8	4		2	37	3	4	50	38	24	30	10	6	1			91	112
" " Local do.	470	429	23	17	16	19	10	6	4	95	10	13	28	45	60	72	68	49	26	4		246	224
" " Developmental do.	64	84	27	1	2					30			3	2	1	1	4	7	12	3	1	27	37
" " Violent Causes	43	56	1	1	1	1	1			5	2	3	9	9	7	1	3	3	1			24	19

Comparative Statement of Cases of Contagious Disease reported to the Board of Health for the month of December, 1895, and for the corresponding month in 1894.

CASES REPORTED DURING DECEMBER, 1895.	City.	Quarantine.
Diphtheria	561	....
Measles	42	....
Small Pox	....	....
Scarlatina	113	....
Typhoid Fever	62	....
Typhus Fever	....	....
Yellow Fever	....	....

CASES REPORTED DURING DECEMBER, 1894.	City.	Quarantine.
Diphtheria	469	....
Measles	210	..
Small Pox	....	....
Scarlatina	278	....
Typhoid Fever	42	...
Typhus Fever	....	....
Yellow Fever	....	....

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU STATION, BOSTON.

For the month of December, 1895, as reported by J. W. SMITH, L. F. O.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAIN FALL.
1	30.31	32	74	S.	.00
2	29.61	52	84	S.W.	.16
3	29.94	32	79	N.W.	.00
4	30.08	23	64	N.W.	.00
5	29.87	25	86	N.	.42
6	30.01	26	62	N.W.	.13
7	30.04	32	68	S.W.	.00
8	30.14	34	74	W.	.00
9	30.24	24	82	N.W.	.00
10	30.11	24	72	N.	.00
11	29.91	18	70	N.	T
12	30.24	12	52	N.	.00
13	30.27	15	72	N.	.01
14	29.90	22	57	N.	.00
15	30.02	24	56	N.W.	.00
16	30.52	32	60	N.W.	.00
17	30.76	26	52	N W.	.00
18	30.40	40	84	S.W.	.00
19	30.34	52	80	S.W.	.00
20	30.44	54	82	S.W.	.00
21	30.42	46	89	E.	.00
22	30.00	50	84	W.	.76
23	30.00	46	84	W.	.00
24	30.12	46	88	N.	.00
25	30.25	40	86	S.E.	.00
26	30.02	48	89	S.E.	.01
27	29.[illegible]1	48	82	W.	.32
28	30.06	39	71	W.	.00
29	30.16	40	82	W.	.00
30	30.01	41	86	W.	.02
31	29.50	50	81	S.W.	.62
TOTALS	—	—	—	—	2.45
MEANS	30.12	36	75	N.	.079

GENERAL ITEMS.

Mean Barometer, 30.12.
Highest Barometer, 30.81, on the 17th.
Lowest Barometer, 29.26, on the 31st.
Monthly Range of Barometer, 1.55.
Mean Temperature, 36.0.
Highest Temperature, 64.0, on the 31st.
Lowest Temperature, 8, on the 12th.
Monthly Range of Temperature, 56.0.
Greatest Daily Range of Temperature, 29.0 on the 31st.
Least Daily Range of Temperature, 5.0 on the 25th.
Mean Daily Range of Temperature, 14.0.
Mean Daily Dew-point, 28.0.
Mean Daily Relative Humidity, 75.0.
Prevailing Direction of Wind, N.
Total Movement of Wind, 9,791 Miles.
Highest Velocity of Wind and Direction, 50 miles S. on the 31st.
Number of Foggy Days, 1. Number of Fair Days, 5.
Number of Clear Days, 9. Number of Cloudy Days, 17.
Total Number of Days on which Rain or Snow fell, 9.
Depth of unmelted Snow on ground at end of month, 0.
Dates of Auroras, 0.
Dates of Solar Halos, 8th, 10th, 11th, 23d, 24th.
Dates of Lunar Halos, 23d, 24th, 28th.
Thunder storm, 0. Dates of Frosts, 0
Mean Max. Temp., 42.7. Mean Min. Temp., 28.5.

COMPARATIVE TEMPERATURE.		COMPARATIVE PRECIPITATIONS.	
1871	28	1871	3.38 In.
1872	24	1872	3.29
1873	31	1873	5.64
1874	31	1874	2.14
1875	29	1875	0.75
1876	22	1876	3.71
1877	35	1877	1.32
1878	30	1878	6.76
1879	32	1879	5.36
1880	26	1880	3.42
1881	38	1881	3.80
1882	30	1882	2.65
1883	29	1883	3.71
1884	33	1884	4.46
1885	33	1885	2.09
1886	29	1886	3.66
1887	32	1887	2.71
1888	36	1888	4.28
1889	38	1889	1.83
1890	26	1890	3.92
1891	40	1891	3.58
1892	30	1892	1.12
1893	30	1893	5.16
1894	32	1894	4.28
1895	36	1895	2.45

Average mean temperature for 25 years, 31.0. Average monthly precipitation, for 25 years, 3.42. *T indicates trace of precipitation.

BBI (Binding)
DEC 18 1902